

CLASS *LD2206* BOOK *B9*
v.56-57

THE LIBRARY
OF
HAVERFORD COLLEGE

THE GIFT OF

HAVERFORD COLLEGE

ACCESSION NO. *214206*



Digitized by the Internet Archive
in 2011 with funding from
LYRASIS Members and Sloan Foundation



HAVERFORD COLLEGE BULLETIN



Catalog, 1957-58

VOLUME LVI

NUMBER ONE

July, 1957

Locked Case

LD 2206

B9

v. 56-57

Issued quarterly by Haverford
College, Haverford, Pennsylvania

Entered as second-class matter November 2, 1944, at the Post
Office at Haverford, Pa., under the Act of August 24, 1912.

214206

1-19-60

Printed in U. S. A.

HAVERFORD COLLEGE BULLETIN



1957-1958

HAVERFORD, PENNSYLVANIA

Contents

College Calendar, 1957-58	5
Corporation	6
Board of Managers	7
Faculty	9
Administration	16
Standing Committees of the Faculty and Administration	17
College Program	18
History	20
Admission	23
College Entrance Board Tests	24
Advanced Standing	26
Financial Arrangements	27
Rooms	27
Expenses	27
College Responsibility	28
Monthly Payments	28
Student Loan Fund	29
Student Aid	29
Scholarships	30
Curriculum	36
General	36
Bachelor's Degree	36
Limited Electives	37
Free Electives	38
Non-Academic Electives	38
Major Concentration	38

Freshman Program	40
Preparation for Professions	41
Regulations	42
Conflicting Courses	42
Additional Courses	42
Audited Courses	42
Course Changes	42
Special Cases	43
Evaluation of Academic Performance	43
Intercollegiate Cooperation	43
Visitors and Lectures	44
Graduate Study	45
Admission to Candidacy for Master's Degree	45
Requirements	45
Courses of Instruction	47
Arts and Service Program	98
Student Government	101
Honor System	101
Student Committees	102
Student Organizations	103
Student Publications	104
Health Program	106
Library Laboratories, and other Academic Facilities	107
Fellowships, Prizes and Honors	113
Alumni Association	119
Index	125

1957																
Sept.	S	M	T	W	T	F	S	Nov.	S	M	T	W	T	F	S	
	1	2	3	4	5	6	7								1	2
	8	9	10	11	12	13	14		3	4	5	6	7	8	9	
	15	16	17	18	19	20	21		10	11	12	13	14	15	16	
	22	23	24	25	26	27	28		17	18	19	20	21	22	23	
	29	30							24	25	26	27	28	29	30	
Oct.				1	2	3	4	5	Dec.	1	2	3	4	5	6	7
	6	7	8	9	10	11	12	8		9	10	11	12	13	14	
	13	14	15	16	17	18	19	15		16	17	18	19	20	21	
	20	21	22	23	24	25	26	22		23	24	25	26	27	28	
	27	28	29	30	31			29		30	31					

1958																
Jan.	S	M	T	W	T	F	S	Apr.	S	M	T	W	T	F	S	
					1	2	3		4			1	2	3	4	5
	5	6	7	8	9	10	11		6	7	8	9	10	11	12	
	12	13	14	15	16	17	18		13	14	15	16	17	18	19	
	19	20	21	22	23	24	25		20	21	22	23	24	25	26	
	26	27	28	29	30	31			27	28	29	30				
Feb.							1	May						1	2	3
	2	3	4	5	6	7	8		4	5	6	7	8	9	10	
	9	10	11	12	13	14	15		11	12	13	14	15	16	17	
	16	17	18	19	20	21	22		18	19	20	21	22	23	24	
	23	24	25	26	27	28			25	26	27	28	29	30	31	
March							1	June	1	2	3	4	5	6	7	
	2	3	4	5	6	7	8		8	9	10	11	12	13	14	
	9	10	11	12	13	14	15		15	16	17	18	19	20	21	
	16	17	18	19	20	21	22		22	23	24	25	26	27	28	
	23	24	25	26	27	28	29		29	30						
	30	31														

College days in heavy-face type.

Calendar

1957-1958

New students arrive	Sept. 19
Registration of all new students	Sept. 23-24
Returning students arrive	Sept. 23
Beginning of College year with Collection 9 A.M.	Sept. 25
Registration of returning students to be filed 4 P.M.	Sept. 25
First semester classes begin 8 A.M.	Sept. 26
Thanksgiving vacation begins 1 P.M.	Nov. 27
ends 8 A.M.	Dec. 2
Registration (Spring Term)	Dec. 10, 11, 12
Christmas vacation begins 4 P.M.	Dec. 20
ends 8 A.M.	Jan. 6
First semester classes end, 4 P.M.	Jan. 16
All papers assigned must be turned in by 4 P.M.*	
Mid-year examinations (dates inclusive) **	Jan. 20-Feb. 1
Second semester classes begin 8 A.M.	Feb. 3
Applications for Fellowships for the following year must be filed by	Mar. 1
Spring vacation begins noon	Mar. 29
ends 8 A.M.	Apr. 8
Applications for Scholarships must be filed by	Apr. 15
Major registration cards for men in the fourth term must be filed by 4 P.M.	Apr. 16
Registration (Fall Term)	Apr. 29, 30, May 1
Manuscripts in competition for prizes must be filed in the Registrar's Office by 4 P.M.	May 1
Second semester classes end 12 noon	May 17
All papers assigned must be turned in by 4 P.M.*	
Senior Comprehensive Examinations (dates inclusive)	May 19-22
Final examinations (dates inclusive) **	May 22-June 4
Commencement	June 6

*If a paper is assigned in place of the final examination in a course the date by which it is due may be set by the instructor not later than 4 P.M. on Tuesday of the final week of the examination period, or for seniors in their final semester, noon on Monday of that week. Late papers will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean.

**Laboratory notebooks must be turned in not later than the scheduled time of the examination in the course. Late notebooks will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean. In courses which have no scheduled examination, notebooks must be turned in by 4 P.M. on Tuesday of the final week of the examination period.

Corporation of Haverford College

Officers

DR. S. EMLÉN STOKES, *President*

Moorestown, N. J.

WM. MORRIS MAIER, *Treasurer*

814 Provident Trust Building, Philadelphia 3, Pa.

JOHN F. GUMMERE, *Secretary*

Wm. Penn Charter School, Philadelphia 44, Pa.

WM. NELSON WEST, 3RD, *Assistant Secretary*

1600 Three Penn Center Plaza, Philadelphia 2, Pa.

Members of the Standing Nominating Committee of the Corporation

Term Expires 1957

THOMAS W. ELKINTON 1156 Public Ledger Building, Philadelphia 6, Pa.

J. BARCLAY JONES 153 Gulph Road, Radnor, Pa.

RUSSELL W. RICHIE 1212 Market Street, Philadelphia 7, Pa.

Term Expires 1958

J. MORRIS EVANS 623 Mulford Road, Wyncote, Pa.

WILLIAM S. LANE Wm. Penn Charter School, Philadelphia 44, Pa.

DR. FREDERIC C. SHARPLESS Beach Haven, N. J.

Term Expires 1959

M. ALBERT LINTON, JR. Wm. Penn Charter School, Philadelphia 44, Pa.

PHILIP G. RHODES P.O. Box 71, Wilmington, Del.

HOWARD G. TAYLOR Riverton, N. J.

Board of Managers

Ex-Officio as Officers of Corporation

DR. S. EMLIN STOKES, *President* Moorestown, N. J.
 WM. MORRIS MAIER, *Treasurer* . 814 Provident Trust Building, Philadelphia 3, Pa.
 JOHN F. GUMMERE, *Secretary* Wm. Penn Charter School, Philadelphia 44, Pa.

Term Expires 1957

EDWARD W. EVANS Awbury, Germantown, Philadelphia 38, Pa.
 WILLIAM A. BATTEY 605 Walnut Lane, Haverford, Pa.
 DR. FREDERIC C. SHARPLESS Beach Haven, N. J.
 JOHN A. SILVER Apple Hill Farm, Pipersville, Pa.
 H. JUSTICE WILLIAMS 901 Provident Trust Building, Philadelphia 3, Pa.
 *THEODORE WHITTLESSEY, JR. 986 Railroad Avenue, Bryn Mawr, Pa.
 *DONALD E. WILBUR 115 Pennsylvania Avenue, Bryn Mawr, Pa.
 STEPHEN G. CARY A.F.S.C., 20 S. 12th Street, Philadelphia 7, Pa.
 HENRY SCATTERGOOD Germantown Friends School, Philadelphia 44, Pa.
 PHILIP G. RHODES P.O. Box 71, Wilmington 99, Del.

Term Expires 1958

JONATHAN M. STEERE 1118 Girard Trust Building, Philadelphia 2, Pa.
 STANLEY R. YARNALL 5337 Knox Street, Philadelphia 44, Pa.
 DR. HENRY M. THOMAS, JR. 314 Overhill Road, Baltimore 10, Md.
 ALEXANDER C. WOOD, JR. 48, The Bourse, Philadelphia 6, Pa.
 HAROLD EVANS 1000 Provident Trust Building, Philadelphia 3, Pa.
 RUSSELL W. RICHIE 1212 Market Street, Philadelphia 7, Pa.
 DR. JOSEPH STOKES, JR. 1740 Bainbridge Street, Philadelphia 46, Pa.
 *JOHN S. WILLIAMS 20 W. Chestnut Hill Avenue, Philadelphia 18, Pa.
 RICHARD R. WOOD Riverton Rd., R.F.D. Riverton, N. J.

Term Expires 1959

M. ALBERT LINTON 4601 Market Street, Philadelphia 39, Pa.
 EDWARD WOOLMAN Haverford, Pa.
 THOMAS W. ELKINTON 1156 Public Ledger Building, Philadelphia 6, Pa.
 HENRY C. EVANS 635 Manatawna Avenue, Philadelphia 28, Pa.
 GARRETT S. HOAG 10 Post Office Square, Boston 9, Mass.
 DR. JONATHAN E. RHODES 3400 Spruce Street, Philadelphia 4, Pa.
 THOMAS B. HARVEY 50 W. Wilkey Street, Philadelphia 23, Pa.
 GEOFFROY BILLO 30 Smith Avenue, Mount Kisco, N. Y.
 *JAMES P. MAGILL 225 S. 15th Street, Philadelphia 2, Pa.

Faculty Representatives on Board of Managers

Term Expires 1958

LOUIS C. GREEN

Term Expires 1959

FRANCIS H. PARKER

Alternates: HOWARD M. TEAF, JR. and JOHN A. LESTER, JR.

***Alumni Representative Manager.**

Officers of the Board of Managers

Chairman of Board

DR. S. EMLÉN STOKES

Secretary of Board

WM. NELSON WEST, 3RD

1600 Three Penn Center Plaza, Philadelphia 2, Pa.

Standing Committees of the Board of Managers

*The Chairman of the Board is an ex-officio
member of all committees*

Executive Committee

DR. S. EMLÉN STOKES, *Chairman*

JONATHAN M. STEERE

ALEXANDER C. WOOD, JR.

DR. FREDERIC C. SHARPLESS

THOMAS W. ELKINTON

EDWARD W. EVANS

JOHN F. GUMMERE

DR. JONATHAN E. RHOADS

WM. MORRIS MAIER

THOMAS B. HARVEY

M. ALBERT LINTON

WM. NELSON WEST, 3RD

Committee on Finance and Investment

JONATHAN M. STEERE, *Chairman*

ALEXANDER C. WOOD, JR.

M. ALBERT LINTON

WM. MORRIS MAIER

RUSSELL W. RICHIE

HAROLD EVANS

JAMES P. MAGILL

Committee on College Property

JOHN A. SILVER, *Chairman*

WILLIAM A. BATTEY

EDWARD WOOLMAN

THOMAS W. ELKINTON

HENRY C. EVANS

GEOFFROY BILLO

THOMAS B. HARVEY

PHILIP G. RHOADS

Committee on Honorary Degrees

STANLEY R. YARNALL, *Chairman*

DR. HENRY M. THOMAS, JR.

HAROLD EVANS

GARRETT S. HOAG

H. JUSTICE WILLIAMS

DR. JOSEPH STOKES, JR.

STEPHEN G. CARY

HENRY SCATTERGOOD

RICHARD R. WOOD

Counsel

MACCOY, EVANS AND LEWIS

1000 Provident Trust Building

Philadelphia 3, Pa.

Faculty

- HUGH BORTON *President*
B.A., Haverford College; M.A., Columbia University; Ph.D., University of Leyden.
- LEGH WILBER REID *Professor of Mathematics, Emeritus*
S.B., Virginia Military Institute; A.B., Johns Hopkins University; S.M., Princeton University; Ph.D., University of Göttingen.
- ALBERT HARRIS WILSON *Professor of Mathematics, Emeritus*
S.B. and S.M., Vanderbilt University; Ph.D., University of Chicago; L.H.D., Haverford College.
- FREDERIC PALMER, JR. *Professor of Physics, Emeritus*
A.B., A.M. and Ph.D., Harvard University.
- LEON HAWLEY RITTENHOUSE *Professor of Engineering, Emeritus*
M.E., Stevens Institute of Technology.
- FRANK DEKKER WATSON *Professor of Sociology and Social Work, Emeritus*
B.S. in Economics and Ph.D., University of Pennsylvania.
- DEAN PUTNAM LOCKWOOD *Professor of Latin, Emeritus*
A.B., A.M. and Ph.D., Harvard University.
- †WILLIAM EDWARD LUNT *Walter D. and Edith M. L. Scull*
Professor of English Constitutional History, Emeritus
A.B. and L.H.D., Bowdoin College; A.M. and Ph.D., Harvard University; Litt.D., Princeton University; L.H.D., Haverford College.
- ALFRED WM. HADDLETON *Assistant Professor of Physical Education, Emeritus*
- JOHN OTTO RANTZ *Instructor in Engineering, Emeritus*
- JOHN GOODWIN HERNDON *Professor of Public Finance, Emeritus*
A.B. and A.M., Washington and Lee University; Ph.D., University of Pennsylvania.
- ABRAHAM PEPINSKY *Professor of Psychology, Emeritus*
A.B. and A.M., University of Minnesota; Ph.D., State University of Iowa.
- EDWARD DOUGLAS SNYDER *Professor of English, Emeritus*
A.B., Yale University; A.M. and Ph.D., Harvard University.
- JOHN ALEXANDER KELLY *Professor of German, Emeritus*
A.B., Emory and Henry College; A.M. and Ph.D., Columbia University.
- LEVI ARNOLD POST *Professor of Greek, Emeritus*
B.A. and M.A., Haverford College; A.M., Harvard University; B.A. and M.A., Oxford University.
- (*The active members of the Faculty are arranged in the order of their appointment to their present rank. Two or more appointed in the same year are listed in alphabetical order.*)
- †WILLIAM BUELL MELDRUM *John Farnum Professor of Chemistry*
B.A. and M.Sc., McGill University; Ph.D., Harvard University.
- *DOUGLAS VAN STEERE *T. Wistar Brown Professor of Philosophy*
S.B., Michigan State College; B.A. and M.A., Oxford University; A.M. and Ph.D., Harvard University; D.D., Lawrence College; L.H.D., Oberlin College.
- CLETUS ODIA OAKLEY *Professor of Mathematics*
S.B., University of Texas; S.M., Brown University; Ph.D., University of Illinois.

*Absent on leave, first semester.

†Deceased.

- RALPH MILLARD SARGENT *F. B. Gummere Professor of English*
A.B., Carleton College; Ph.D., Yale University.
- HOWARD MORRIS TEAF, JR. *Professor of Economics*
B.S. in Economics, M.A. and Ph.D., University of Pennsylvania.
- JOHN WILLIAM FLIGHT *Professor of Biblical Literature*
A.B., Hope College, A.M., Yale University; B.D. and Ph.D., Hartford Theological Seminary.
- IRA DE AUGUSTINE REID *Professor of Sociology*
A.B. and LL.D., Morehouse College; A.M., University of Pittsburgh; Ph.D., Columbia University.
- ALFRED JULIUS SWAN *Professor of Music on joint*
B.A. and M.A., Oxford University. *appointment with Swarthmore College*
- HARRY WILLIAM PFUND *Professor of German*
B.A., Haverford College; A.M. and Ph.D., Harvard University.
- HERMAN MILES SOMERS *Professor of Political Science*
S.B. and Ph.M., University of Wisconsin; A.M. and Ph.D., Harvard University.
- ROY EARL RANDALL *Professor of Physical Education*
Ph.B. Brown University. *and Director of Intercollegiate Athletics*
- RICHARD MAX BERNHEIMER *Professor of History of Art on joint*
Ph.D., University of Munich. *appointment with Bryn Mawr College*
- WILLIAM ATTICH REITZEL *Professor of Social Science*
B.S., Haverford College; B.A. and M.A., Oxford University.
- * THOMAS EDWARD DRAKE *Professor of American History*
A.B., Stanford University; A.M., University of Michigan; Ph.D., Yale University.
- LOUIS CRAIG GREEN *Professor of Astronomy*
A.B., A.M. and Ph.D., Princeton University.
- ** WILLIAM EDWARD CADBURY, JR. *Professor of Chemistry*
B.S. and M.A., Haverford College; Ph.D., University of Pennsylvania.
- RUSSELL RAYMOND WILLIAMS, JR. *Professor of Chemistry*
B.A., University of Buffalo; Ph.D., Stanford University.
- HOWARD COMFORT *Professor of Latin and Greek*
B.A., Haverford College; A.M. and Ph.D., Princeton University.
- WILLIAM DOCHERTY, JR. *Professor of Physical Education*
S.B., Temple University. *and Director of Physical Education*
- * H. FIELD HAVILAND, JR. *Professor of Political Science*
A.B., A.M. and Ph.D., Harvard University.
- CLAYTON WILLIAM HOLMES *Professor of Engineering*
B.S. in M.E., University of New Hampshire; M.A., Haverford College.
- * LAURENCE WILLIAM WYLIE *Professor of Romance Languages*
A.B. and A.M., University of Indiana; Ph.D., Brown University.
- HENRY BABCOCK VEATCH *Visiting Professor of Philosophy, Fall Semester*
A.B., A.M. and Ph.D., Harvard University.
- THEODORE BRINTON HETZEL *Associate Professor of Engineering*
B.S., Haverford College; B.S. in M.E., University of Pennsylvania; M.S. and Ph.D., Pennsylvania State University.
- MANUEL JOSE ASENSIO *Associate Professor of Romance Languages*
B.A., University of Granada; M.A. and Ph.D., University of Pennsylvania.

* Absent on leave, 1957-58.

** Absent on leave, second semester.

- JOHN ASHBY LESTER, JR. *Associate Professor of English*
B.S., Haverford College; A.M. and Ph.D., Harvard University.
- HOLLAND HUNTER *Associate Professor of Economics*
B.S., Haverford College; A.M. and Ph.D., Harvard University.
- WALLACE TREVETHIC MACCAFFREY *Walter D. and Edith M. L. Scull*
Associate Professor of English Constitutional History
A.B., Reed College; A.M. and Ph.D., Harvard University.
- FRANCIS HOWARD PARKER *Associate Professor of Philosophy*
A.B., Evansville College; A.M., Indiana University; Ph.D., Harvard University.
- FRANCES DE GRAAFF *Associate Professor of Russian*
Ph.D., University of Leyden. *on joint appointment with Bryn Mawr College*
- MARCEL MARC GUTWIRTH *Associate Professor of French*
B.A., Columbia College; M.A. and Ph.D., Columbia University.
- JOHN ASHMEAD, JR. *Associate Professor of English*
A.B., A.M. and Ph.D., Harvard University.
- WILLIAM HEARTT REESE *Associate Professor of Music and Director*
of Glee Club and Orchestra on joint appointment
with Bryn Mawr and Swarthmore Colleges
A.B., Amherst College; M.A., Columbia University; Ph.D., University of Berlin.
- KENNETH SHIELDS WOODROOFE *Associate Professor of English*
B.A. and M.A., Oxford University.
- AARON LEMONICK *Associate Professor of Physics*
B.A., University of Pennsylvania; A.M. and Ph.D., Princeton University.
- ARIEL GIDEON LOEWY *Associate Professor of Biology*
B.S. and M.S., McGill University; Ph.D., University of Pennsylvania.
- FAY AJZENBERG-SELOVE *Associate Professor of Physics*
B.S.E. University of Michigan; M.S. and Ph.D., University of Wisconsin.
- FORREST DUANE COMFORT *Counsellor*
A.B., Penn College; M.A., Haverford College; Ed.M., Harvard University.
- GERHARD GUNTER FRIEDRICH *Assistant Professor of English*
and Associate Librarian
A.B., Guilford College; M.A., Haverford College; Ph.D., University of Minnesota.
- ROBERT LOUIS CONNER *Assistant Professor of Biology*
on joint appointment with Bryn Mawr College
A.B., Washington University; Ph.D., Indiana University.
- * DOUGLAS HAMILTON HEATH *Assistant Professor of Psychology*
A.B., Amherst College; A.M. and Ph.D., Harvard University.
- FRANK JOSEPH QUINN *Assistant Professor of English Literature*
B.A. and M.A., Oxford University.
- ANDREW MACKAY SCOTT *Assistant Professor of Political Science*
A.B., Dartmouth College; M.P.A., M.A., Ph.D., Harvard University.
- ROBERT JOEL WISNER *Assistant Professor of Mathematics*
B.S. and M.S., University of Illinois; Ph.D., University of Washington.
- JOHN RICHARD CARY *Assistant Professor of German*
B.A., Haverford College; Ph.D., Johns Hopkins University.
- GEORGE V. COELHO *Assistant Professor of Psychology*
B.A. and M.A., Bombay University; M.A., London University; Ph.D., Harvard University.

* Absent on leave, 1957-58.

- JOSEPH B. R. MILLER, JR. *Assistant Professor of Physical Education*
B.S., University of Delaware; M.S., Springfield College.
- STEVEN MULLER *Assistant Professor of Political Science*
B.A., University of California at Los Angeles; B.Litt., Oxford University; Ph.D.,
Cornell University.
- EDGAR SMITH ROSE *Assistant Professor of English*
A.B., Franklin and Marshall College; A.M. and Ph.D., Princeton University.
- MELVIN SANTER *Assistant Professor of Biology*
B.S., St. John's University; M.S., University of Massachusetts; Ph.D., George
Washington University.
- ALFRED WANNER SATTERTHWAITE *Assistant Professor of English*
A.B., A.M. and Ph.D., Harvard University.
- ROBERT IRVING WALTER *Assistant Professor of Chemistry*
B.S., Swarthmore College; M.A., Johns Hopkins University; Ph.D., University
of Chicago.
- ROBERT HAWES BUTMAN *Assistant Professor of Drama and Public Speaking*
on joint appointment with Bryn Mawr College
B.A. and M.A., University of North Carolina
- HARMON CRAIG DUNATHAN *Assistant Professor of Chemistry*
B.A., Ohio Wesleyan University; M.S. and Ph.D., Yale University.
- IRVING FINGER *Assistant Professor of Biology*
B.A., Swarthmore College; Ph.D., University of Pennsylvania.
- WILL LYONS *Assistant Professor of Economics*
B.S., Bucknell University.
- COLIN FRANCIS MACKAY *Assistant Professor of Chemistry*
B.S., University of Notre Dame; M.S. and Ph.D., University of Chicago.
- CHARLES ERNEST MAYER *Assistant Professor of Psychology*
A.B., Harvard University; M.A. and Ph.D., Boston University.
- THOMAS ALONZO BENHAM *Lecturer in Physics*
B.S. and M.S., Haverford College.
- MARTIN FOSS *Lecturer in Philosophy*
LL.D., University of Jena.
- CLARENCE EVAN PICKETT *Lecturer in Christian Ethics*
A.B., Penn College; B.D., Hartford Theological Seminary; LL.D., Haverford
College; LL.D., Earlham College.
- HENRY JOEL CADBURY *Lecturer in Quakerism*
B.A. and Litt.D., Haverford College; A.M. and Ph.D., Harvard University;
D.D., University of Glasgow; LL.D., Whittier College; LL.D., Swarthmore
College.
- JEAN-LOUIS CURTIS *Lecturer in French*
Agrégation d'Anglais, University of Paris.
- ANNE BYRD FIROR SCOTT *Lecturer in History*
B.A., University of Georgia; M.A., Northwestern University.
- MICHAEL SHAW *Instructor in French*
B.A., Swarthmore College.
- JOHN WALLACE SMITH *Instructor in French, 1955-*
B.A. and M.A., University of Pennsylvania. *and Instructor in Sociology*
- FRANKLIN HEAPS DUTTENHOFFER *Instructor in Mathematics*
B.A., Haverford College; M.A., University of Pennsylvania.
- EDWARD BURNETT HARPER *Instructor in Anthropology*
B.A., Reed College.

NORMAN BARGE BRAMALL *Assistant in Physical Education*
 RAYMOND TAYLOR BRAMALL *Assistant in Physical Education*
 B.S., M.S. and Ed.D., University of Pennsylvania.
 NORMAN MONTGOMERY WILSON *Assistant in Engineering*
 FRITZ JANSCHKA *Artist in Residence, Bryn Mawr College*
 Akademie der Bildenden Künste, Vienna.
 DAVID SHOEMAKER RICHIE *Adviser in Work Camp Program*
 B.S., Haverford College.

Visiting Faculty on the Philips Fund

1956-1957

- GORDON W. ALLPORT, Ph.D.
Professor of Psychology, Harvard University.
- SOLOMON E. ASCH, Ph.D.
Professor of Psychology, Swarthmore College.
- MAYNARD BARNES
Brookings Institution; former United States Ambassador to Bulgaria.
- LUCIEN BERNOT
Conseil National de la Recherche Scientifique.
- HUGH BORTON, Ph.D.
Director, East Asian Institute of Columbia University.
- DAVID BUTLER, D. Phil. (Oxon.)
Dean, Nuffield College, Oxford University.
- HENRY STEELE COMMAGER, Ph.D.
Professor of History, Columbia University.
- PAUL H. DOUGLAS, Ph.D.
United States Senator from Illinois.
- JOHN T. EDSALL, M.D.
Professor of Biochemistry, Harvard University.
- RALPH O. ERICKSON, Ph.D.
Professor of Botany, University of Pennsylvania.
- RENÉ FÜLÖP-MILLER, Ph.D.
Professor of Sociology, Hunter College.
- ROBERT K. A. GARDINER
Permanent Secretary for the Housing Ministry of the Gold Coast (Ghana).
- ROBERT HARTLEY
Director, International Studies, Brookings Institution.
- MASOTSHA MIKE HOVE
Member, Federal Assembly of the Federation of Rhodesia and Nyassaland.
- PIERRE IDIART
Conseil National de la Recherche Scientifique.
- WOLFGANG KÖHLER, Ph.D.
Professor of Psychology Emeritus, Swarthmore College.
- POLYKARP KUSCH, Ph.D.
Professor of Physics, Columbia University.
- WILLARD F. LIBBY, Ph.D.
Professor of Chemistry, University of Chicago.
- MARCEL MAGET
Director, Laboratoire d'Ethnographie Française du Musée des Arts et Traditions Populaires.
- ROBERT K. MERTON, Ph.D.
Professor of Sociology, Columbia University.
- ALFRED MÉTRAUX
Associate Director of Social Sciences, UNESCO.
- RHODA MÉTRAUX, Ph.D.
Research Fellow, Cornell University Medical College.
- JOHN OXTOBY, M.A.
Professor of Mathematics, Bryn Mawr College.
- HANS RADEMACHER, Ph.D.
Professor of Mathematics, University of Pennsylvania.

- JULIAN PITT RIVERS, D.Phil. (Oxon.)
Visiting Professor of Anthropology, University of California.
- B. F. SKINNER, Ph.D
Professor of Psychology, Harvard University.
- JOHN C. SLATER, Ph.D.
Institute Professor of Physics, Massachusetts Institute of Technology.
- VICTOR F. WEISSKOPF, Ph.D
Professor of Physics, Massachusetts Institute of Technology.
- GILBERT F. WHITE, Ph.D.
Professor of Geography, University of Chicago.

Administration

HUGH BORTON	<i>President</i>
B.A., Haverford College; M.A., Columbia University; Ph.D., University of Leyden.	
ARCHIBALD MACINTOSH	<i>Vice-President and Director of Admissions</i>
B.A., Haverford College; M.A., Columbia University; Ph.D., University of Pennsylvania.	
WILLIAM WEBSTER AMBLER	<i>Assistant Director of Admissions</i>
B.A., Haverford College.	
•• WILLIAM EDWARD CADBURY, JR.	<i>Dean</i>
B.S. and M.A., Haverford College; Ph.D., University of Pennsylvania.	
MRS. EDYTHA M. CARR	<i>Registrar</i>
ALDO CASELLI	<i>Comptroller and Business Manager</i>
D.S.E. and C., University of Naples.	
JOHN ASHBY LESTER, JR.	<i>Librarian (Acting Dean, Spring Semester)</i>
B.S., Haverford College; A.M. and Ph.D., Harvard University.	
• THOMAS EDWARD DRAKE	<i>Curator of the Quaker Collection</i>
A.B., Stanford University; A.M., University of Michigan; Ph.D., Yale University.	
WILLIAM WOLTER LANDER	<i>Physician</i>
B.S., Ursinus College; M.D., University of Pennsylvania.	
RUTH L. BLESSING	<i>Resident Nurse</i>
R.N., Friends Hospital.	
LOUIS CRAIG GREEN	<i>Director of the Strawbridge Memorial Observatory</i>
A.B., A.M. and Ph.D., Princeton University.	
MRS. MIRIAM R. NUGENT	<i>Dietitian</i>
B.S., New York University.	
BENNETT SMEDLEY COOPER	<i>Alumni Secretary and Assistant to the President</i>
B.S., Haverford College.	
GERTRUDE MANN WONSON	<i>Admissions Office</i>
B.S., Simmons College.	
MRS. ALICE M. BERRY	<i>Secretary to the President</i>
MRS. FLORENCE N. ANDREWS	<i>Secretary to the Dean</i>

• Absent on leave, 1957-58.

•• Absent on leave, second semester.

Standing Committees of the Faculty and Administration

The President and the Vice-President are ex-officio members of all committees. The President, the three elected divisional representatives of the Faculty, the Vice-President and the Dean compose the Academic Council. Under the chairmanship of the President this body meets occasionally to consider student petitions and matters of college policy. The elected members for 1957-58 are Messrs. Teaf (Social Sciences), Lemonick (Natural Sciences), and Comfort (Humanities)

ACADEMIC STANDING: Mr. Wisner, *Chairman*.

Messrs. Ambler, Cadbury, F. Comfort, Docherty, Lester, Scott.

ADMISSIONS: Mr. MacIntosh, *Chairman*.

Messrs. Ambler, Sargent, Satterthwaite, Somers.

ARTS AND SERVICE: Mr. N. Wilson, *Chairman*.

Messrs. Benham, Butman, Miller, Reese, Woodroffe.

CURRICULUM AND COLLEGE PROGRAM: Mr. Hunter, *Chairman*.

Messrs. Cadbury, Lemonick, Lester, MacCaffrey, Parker.

FACULTY COMPENSATION: Mr. Sargent, *Chairman*.

Messrs. Asensio, Lander, Santer, Shaw, Somers.

FELLOWSHIPS AND PRIZES: Mr. H. Comfort, *Chairman*.

Messrs. Coelho, Foss, Holmes, Satterthwaite, Steere.

GRADUATE PROGRAM: Mr. Muller, *Chairman*.

Messrs. Parker, Reid, Steere, Teaf, Walter.

LIBRARY: Mr. Pfund, *Chairman*.

Messrs. Ashmead, Friedrich, Gutwirth, Loewy, Somers, Williams.

PHILIPS VISITORS: Mr. Reitzel, *Chairman*.

Messrs. Cary, Lemonick, Rose.

STUDENT AFFAIRS: Mr. Hetzel, *Chairman*.

Messrs. MacKay, Oakley, Quinn, Randall.

Student members: J. Gurdon Brewster, John F. Crawford, Lawrence S. Griffith.

THE COLLEGE PROGRAM

HAVERFORD COLLEGE

AS A QUAKER COLLEGE, Haverford stresses in its educational policy the importance of personal and social ideals. In the past, this concern has been expressed through Fifth Day Meeting and Collection, rather than in any formal way in the requirements for the degree. Recent changes in faculty policy, however, have put a heavier emphasis on philosophic and evaluative courses within the academic curriculum itself. The College is not satisfied with scholarship and intellectual expertness alone, though it values highly these qualities; in its new plans, Haverford will stress increasingly the importance of sound ethical judgment based upon clear perception of individual and social aims.

In its curricular work, Haverford insists on a high standard of achievement. The College's selective admissions policy brings together a varied group of promising young men in each Freshman class. A reasonably high aptitude for academic work is an essential prerequisite, but selection is made also with qualities of personality and character in mind. In its strictly academic work, the College stresses intellectual integrity, independence of judgment, the imaginative grasp of interrelationships, and the capacity to do independent work. Mastery of facts and of the techniques of research is always important, but even more so is the desire and moral capacity to use these skills for worthwhile ends.

Haverford believes that desirable qualities can be cultivated in the classroom and laboratory but that this process can be supplemented and strengthened by a sound program of student government and extracurricular activities. The non-academic program is calculated to encourage growth in a sense of responsibility for constructive community service, in the appreciation of beauty, and in certain creative skills not properly included in the curriculum itself. The meditative silence of Fifth Day Meeting continues, as always, to make an important contribution to the spiritual development of Haverford men.

From the beginning these aims have been important in Haverford's educational program; the changes now in effect are intended to increase their importance in the curricular work of the College.

History

HAVERFORD COLLEGE was founded in 1833 as the first college established by members of the Society of Friends in the United States. Wherever the first Quaker settlers set up their meetings for worship, they also opened schools, but because Friends have no ordained ministry or priesthood set apart from secular life, they made in the beginning no provision for institutions of higher learning. With the expansion of science and learning in the early nineteenth century, however, the need for advanced training was felt by the Friends as it was by the many other religious groups in America which founded colleges in that era. A tragic separation in American Quakerism in 1827-28 brought this need sharply to the attention of certain leaders of the "Orthodox" Quaker body in Philadelphia and New York. They organized Haverford, therefore, as an institution which would provide an "enlarged and liberal system of instruction" to meet the intellectual needs of "Friends on this continent," offering a course of instruction in science, mathematics, and classical languages "as extensive as given in any literary institution in this country." In religion, morals, and manners, the students who attended Haverford were, in the Quaker phrase of the day, to receive a "guarded" education, but their training was to be "equal in all respects to that which can be obtained in colleges." Haverford College in those days was modestly called Haverford School, but the intent was clear to create an intellectual center that would give to Friends the kind of education which other young Americans were receiving in the best colleges.

The choice of the site of Haverford College exercised its founders for three years; it was settled by the purchase of 198 acres of rolling farmland in the center of the Welsh Tract, a large area originally set apart by William Penn for Quaker immigrants from Wales. The region still bears the native place-names of its settlers, of which Haverford is one. The site was propitious. Today the College campus (increased to 216 acres) is a beautiful area of fields and woodlands, although the Philadelphia suburbs have spread out along the Main Line to Haverford and beyond. What had been fields grew into a graceful sweep of lawns, distinguished by trees and by planting reminiscent of an English garden. This was the contribution of William Carvill, an English landscape gardener whose careful planting gave Haverford a campus of great charm.

During the first forty years of the College's existence, Founders Hall, the original building, Alumni Hall, which is now incorporated in the Library, and an Astronomical Observatory comprised the major part of the physical plant. Throughout this era Haverford men were proving by their effectiveness in their communities the soundness of the principles on which the College had been founded. In 1847 Haverford opened its doors to young men who were not members of the Society of Friends, and in 1856 it became a degree-granting institution, with a tradition of high scholarship which has continued unshaken. At the same time it has adhered to its Quaker traditions of simplicity of living and enlightened interest in social issues.

An era of progress began in 1874 under the presidency of Thomas Chase. He and his brother, Professor Pliny Earle Chase, brought the institution to full academic stature, and strengthened its endowment. In this period a number of new buildings were erected, notably Barclay Hall, which, as the principal dormitory, became the center of student life.

President Isaac Sharpless, 1887-1917, led Haverford College into the forefront of American collegiate institutions. His many-sided genius enabled him to gather and hold together a faculty of extraordinary capacity. In his regime, and the years immediately following, modern dormitories and classrooms, well-equipped laboratories for Chemistry, Physics, Biology, and Engineering were added to the growing assembly of buildings. The Gymnasium was erected in 1900; Roberts Hall, containing administrative offices and a large auditorium, in 1903. The Haverford Union, used for many College activities, dates from 1910; the Morris Infirmary from 1912. The first section of a new dormitory, Lloyd Hall, was started in 1899. By 1926 three other sections had been added. Consisting of suites with common living room and single or double bedrooms, Lloyd Hall set a new pattern for living arrangements at Haverford, in which both privacy and group living were possible. A modern Observatory was built in 1933, and a modern addition to the Library was completed in 1941.

As the College enrollment has grown in recent years, the need for residences in which men of like tastes and interests might have more intimate associations has been met by the establishment of a Spanish House and a French House, each with a resident director. In these specialized student residences the occupants have the advantages of group life without social discrimination of a fraternity system.

In the Fall of 1955, Morris E. Leeds Hall was ready to house 52 students in living arrangements similar to those in Lloyd. Old Merion Hall and Annex were then converted into a faculty apartment house.

Haverford's facilities for physical education were augmented in the Fall of 1957 by a Field House which supplements the Gymnasium.

The original fund of \$60,000 raised when the College was started has been increased by generous bequests and donations to more than \$10,000,000. This endowment enables the College to maintain a superior faculty of unusual size in proportion to the number of students. Student enrollment is limited to approximately 450 in order that teaching may continue on the basis of personal acquaintance in a unified community, as it has throughout the history of Haverford College.

Haverford Station on the Pennsylvania Railroad, between Bryn Mawr and Ardmore, is twenty minutes from downtown Philadelphia. The campus fronts on the famous Lancaster Pike (U. S. 30). It is approximately two hours train journey from Haverford to New York or Baltimore and less than three hours to Washington. Philadelphia's Orchestra, its museums and libraries, its scientific laboratories and industrial plants are all easily accessible to Haverford students who can make full use of the cultural opportunities of a city while enjoying the beauty of a college campus in a quiet suburban setting.

Admission

THE POLICY of Haverford College is to admit to the Freshman class those applicants who, in the opinion of the Committee on Admissions, are best qualified to profit by the opportunities which the College offers and at the same time to contribute to undergraduate life. Due regard is given not only to scholarly attainment, as shown by examination and by school record, but also to character, personality, and interest and ability in important extra-curricular activities.

Whenever practicable, the College will arrange for the candidate to have a personal interview with the Director of Admissions or another administrative officer. Every applicant should realize that, in view of the limited enrollment, he is entering a competition for admission to a carefully selected and comparatively small student organization. On the basis of all information available — College Board reports, school record, class standing, evidence touching on character and personality — the application will be accepted or rejected, and the decision of the Committee on Admissions is final. Preference will be given to those with superior records and credentials rather than to those with mere priority of application.

Students who are accepted will be admitted without conditions. Those who, on entrance, show marked proficiency in certain subjects will be permitted to take courses usually not open to Freshmen; in such cases, however, the number of courses required for a degree will not be diminished.

Each applicant for admission must take the Scholastic Aptitude Test and three Achievement Tests of the College Entrance Examination Board. The English Achievement Test is required, but a candidate may choose the other two tests. If there is any doubt about the choice of the two tests, he should consult the Director of Admissions. Applications involving divergence from the normal procedure must be discussed in detail with the Director of Admissions. In addition, the applicant must obtain blank forms from the College, on which he must submit his school record and a certificate of character signed by his school principal. The school certificate must show satisfactory attainment in 15 units* of work.

* A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. A four years' secondary school curriculum should be regarded as representing not more than 16 units of work.

The preparatory course must include four years of English, at least a year and a half of Algebra and one year of Geometry (demonstrative or analytic or both), and three years of a foreign language. Cases involving divergence from the requirements should be discussed with the Director of Admissions. The remaining units will be drawn from laboratory science, social science, history, and additional mathematics and language.

A candidate may offer an elective in a subject not usually listed, provided he shows proficiency which indicates an amount of study and intellectual effort commensurate with that required in other subjects. The subject chosen must have the approval of the Admissions Committee.

Information Concerning College Entrance Board Tests

The College Entrance Examination Board will offer examinations on each of the following dates during the academic year 1957-58.

- Saturday, December 7, 1957 — Scholastic Aptitude Test
and Achievement Tests
- Saturday, January 11, 1958 — Scholastic Aptitude Test only
- Saturday, February 8, 1958 — Scholastic Aptitude Test only
- Saturday, March 15, 1958 — Scholastic Aptitude Test
and Achievement Tests
- Saturday, May 17, 1958 — Scholastic Aptitude Test
and Achievement Tests
- Wednesday, August 13, 1958 — Scholastic Aptitude Test only
- 8:45 A.M.—Scholastic Aptitude Test (Verbal and Mathematical Sections)
- 1:45 P.M.—Achievement Tests—Candidates may not take more than
three of the following:

English Composition	Advanced Mathematics
Social Studies	Biology
French Reading	Chemistry
German Reading	Intermediate Mathematics
Latin Reading	Physics
Spanish Reading	

In addition, at the March, 1958, series only, Achievement Tests in Greek Reading and Italian Reading will be offered, but only to candidates who register in advance specifically for these tests.

The schedule permits a candidate to take the morning Scholastic Aptitude Test and a maximum of three of the afternoon Achievement Tests.

Copies of the Bulletin of Information may be obtained without charge from the College Entrance Examination Board. The Bulletin contains rules regarding applications, fees, and reports; rules for the conduct of the tests, advice to candidates, descriptions of the tests, sample questions, and lists of examination centers.

Candidates should make application by mail to the College Entrance Examination Board. Students who wish to take the examinations in any of the following States, territories, or foreign areas should address their inquiries and send their applications to College Entrance Examination Board, P. O. Box 27896, Los Feliz Station, Los Angeles 27, California:

Arizona	New Mexico	Territory of Hawaii
California	Oregon	Province of Alberta
Colorado	Utah	Province of British Columbia
Idaho	Washington	Republic of Mexico
Montana	Wyoming	Australia
Nevada	Territory of Alaska	Pacific Islands, including Japan and Formosa

Candidates applying for examination in any State or foreign area not given above should write to College Entrance Examination Board, P. O. Box 592, Princeton, New Jersey.

Haverford prefers that its candidates take the March series of College Board examinations, but it will accept the December series if a candidate wishes to take them at that time. If a candidate wishes to take the Scholastic Aptitude Test in January or February and the Achievement Tests in March, that plan is also acceptable to the College.

Application forms will be sent to any candidate upon request. When ordering the forms candidates must state whether they wish applications for the December, January, February, March, May or August tests. Application forms for the December tests will be available early in the fall; those for the January and February tests will be ready for distribution about November 1st, those for the March series, about January 9th; forms for the other two series will be available immediately after the preceding series has been held. A copy of the Bulletin of Information is routinely sent to every candidate requesting an application blank.

Each application submitted for registration must be accompanied by the examination fee. A detailed schedule of fees follows:

Scholastic Aptitude Test	\$7.00
One, two or three hours of afternoon tests	9.00

There is no reduced fee for those taking morning and afternoon tests at one administration.

All applications and fees should reach the appropriate office of the Board not later than the dates specified below:

<i>Date of Tests</i>	<i>For examination centers located</i>	
	<i>in the United States, Canada, Alaska, Hawaii, the Canal Zone, Mexico, or the West Indies</i>	<i>in Europe, Asia, Africa, Central and South America, and Australia</i>
December 7, 1957	November 16	October 19
January 11, 1958	December 14	November 23
February 8, 1958	January 18	December 21
March 15, 1958	February 15	January 25
May 17, 1958	April 19	March 29
August 13, 1958	July 23	June 25

Applications received after these closing dates will be subject to a penalty fee of three dollars in addition to the regular fee.

Candidates are urged to send in their applications and fees as early as possible, preferably at least several weeks before the closing date, since early registration allows time to clear up possible irregularities which might otherwise delay the issue of reports. Under no circumstances will an application be accepted if it is received at either of the Board offices later than two weeks prior to the date of the examination. No candidate will be permitted to register with the supervisor of an examination center at any time. Only properly registered candidates, holding tickets of admission to the centers at which they present themselves, will be admitted to the tests. Requests for transfer of examination centers cannot be considered unless these reach the Board offices two weeks prior to the date of the examination or earlier.

The Board will report the results of the tests to the institutions indicated on the candidates' applications. The colleges will, in turn, notify the candidates of the action taken upon their applications for admission. Candidates will not receive reports upon their tests from the Board.

Advanced Standing

Since Haverford offers an integrated education, admission with advanced standing is ordinarily granted only in a limited number of cases. An undergraduate who comes from an approved college must submit an official statement of his honorable dismissal, together with a full list of his accepted preparatory subjects, and a list of all his college courses, with his record therein.

Financial Arrangements

Rooms

ENTERING FRESHMEN are assigned the rooms available after the other classes have made their choice. It is not always possible to meet the desire of Freshmen for the remaining rooms. The College assumes that a new student will accept any available room of approximately the same quality as the room for which a preference is expressed. New students will be notified of the rooms assigned to them by means of a list available in Roberts Hall. The choice of rooms by other students is governed by published rules.

A deposit of \$35 is required of all new students at the time they are notified of their admission. A similar deposit is required also of those students who have not been in attendance at the College during the immediately preceding semester. This amount will be deducted from the bill for the following year. If the student fails to present himself at the beginning of the semester for which he has been enrolled, the deposit will be forfeited.

Students are expected to treat College property with the same consideration as their own. A student is held financially responsible for any damage to his room, and any damage wilfully done will be sufficient reason for requesting withdrawal from the College.

Expenses

The tuition charge for all regular students is \$850.00 for the academic year. Tuition for special students is \$125.00 per course, per semester. The board is \$470.00, and room rent \$280.00 per year. The payment of a Unit Fee of \$85.00 per year makes it possible for the student to participate in any campus organization without an additional fee.

The room charges include heat, electric light, weekly service, and the use of necessary bedroom furniture, i.e., a bureau, table, chair, study lamp, and a bed, the linen for which is furnished and laundered by the College. Students will supply their own study furniture, blankets, and towels.

The College requires that bills rendered August 15 and January 15 for the following semester's tuition, board, room, unit fee, and deposits be paid in full before the beginning of the semester.

In order to avoid last minute congestion, it is suggested that bills be paid by mail in advance. Upon receipt of payment, registration cards will be released by the Comptroller's Office to the Registrar, and students, except Freshmen or transfer students, need not report at the Office of the Comptroller.

The Unit Fee includes the following: Student activities fee, laboratory fees, health fee, accident insurance (a maximum of \$500.00 within one year of each accident), diploma, and psychological tests when required by the College.

The College requires Freshmen to pay a fee of \$15.00 toward the cost of the orientation week.*

The College requires a \$70.00 deposit to cover the cost of books and any other incidental charges which may arise during the school year. At intervals during the year, a bill for the actual charges made will be sent to the student. If this bill, or any other indebtedness, is not paid by the end of the semester, credits will not be granted for the work performed. Any unspent balance is refunded at the end of the academic year.

No reduction or refund of the tuition charge will be made after the first two weeks of any semester. If a student withdraws before the completion of the first two weeks, there will be a complete refund of his tuition. In case of illness or absence for any reason from the College, for four weeks or more, there will be a prorated refund of board. In case of withdrawals at any time, there will be no reduction of room rent for the semester unless the same room is re-rented, in which case the withdrawn occupant will receive the amount paid to the College by the new occupant. The unit fee cannot be refunded at the end of the academic year, even if student left college at mid-year.

College Responsibility

The College is not responsible for loss due to fire, theft, or any other cause. Students who wish to cover the first risk may apply for information at the Office of the Comptroller.

Monthly Payments

Since some parents prefer to pay tuition and other fees in equal monthly instalments during the academic year, we are glad to offer the convenient TUITION PLAN. Various plans are available at the following costs:

- One Year Plan — 4% greater than the Cash Price
- Two Year Plan — 5% greater than the Cash Price
- Three Year Plan — 6% greater than the Cash Price
- Four Year Plan — 6% greater than the Cash Price

The 2, 3 and 4 year plans include Parent Life Insurance which provides funds for the cost of the remaining period of schooling, if the parent who has signed the contract dies.

(*) effective 9/1/58

THE TUITION PLAN is optional and intended solely as a convenience. Upon request forms will be sent for signature.

Student Loan Fund

A loan fund is available for deserving students, other than members of the Freshman Class and transfer students during their first year, who may require financial assistance during their College course.

For information apply at the Office of the Comptroller.

Student Aid

In addition to the Student Loan Fund and to scholarship help, the College offers students the opportunity to work at standard rates in the library and as clerical assistants to faculty and administrative officers of the College. Appointments are made from a list of eligible students prepared by Vice-President MacIntosh.

Scholarships

SCHOLARSHIPS are awarded on a basis of merit and individual need. While no scholarship is given for more than one year, it is the practice to continue the scholarship if a student's scholastic performance has been satisfactory and his need remains constant.

No scholarship will be given to a student whose academic standing is unsatisfactory.

No scholarship will be given to a student whose previous college bill has not been paid in full.

All preliminary correspondence and applications for undergraduate scholarships for 1958-1959, together with supporting letters from parents or guardians, should be in the hands of Vice-President MacIntosh before April 15, 1958.

It is assumed that requests for scholarships will not be made by those whose expenses can be met by their parents or from other sources.

CORPORATION AWARDS.—Four Corporation Scholars will be chosen in each class. In the senior, junior and sophomore classes the selection will be made on the basis of the highest general averages for the preceding year. In the freshman class the selection will be made after the May College Board Examinations (see page 24). Each man will be awarded \$50.00 in books. No application for these awards is necessary.

The Endowed Scholarships

It is not necessary for applicants to mention specific scholarships in their applications except in those cases where they meet the special conditions stated for the award.

I. ISAIAH V. WILLIAMSON SCHOLARSHIPS.—Three scholarships, usually awarded to members of the Senior and Junior classes.

II. RICHARD T. JONES SCHOLARSHIP.—One scholarship.

III. EDWARD YARNALL SCHOLARSHIP.—One scholarship.

IV. THOMAS P. COPE SCHOLARSHIP.—One scholarship.

V. SARAH MARSHALL SCHOLARSHIP.—One scholarship.

VI. MARY M. JOHNSON SCHOLARSHIP.—One scholarship.

VII. ISAAC THORNE JOHNSON SCHOLARSHIP.—One scholarship, available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

VIII. CASPAR WISTAR MEMORIAL SCHOLARSHIP.—One scholarship, available preferably for sons of parents engaged in Christian service (including secretaries of Young Men's Christian Associations) or students desiring to prepare for similar service in America or other countries.

IX. LOUIS JAQUETTE PALMER MEMORIAL SCHOLARSHIP.—This scholarship is awarded on application, preferably to a member of the Freshman Class who, in the opinion of a committee representing the donors and the President of the College, shall give evidence of possessing the qualities of leadership and constructive interest in student and community welfare which his friends observed in Louis Jaquette Palmer of the Class of 1894.

X. J. KENNEDY MOORHOUSE MEMORIAL SCHOLARSHIP.—One scholarship, intended for the member of the Freshman Class who shall appear best fitted to uphold at Haverford the standard of character and conduct typified by the late J. Kennedy Moorhouse of the Class of 1900—"a man modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living."

XI. PAUL W. NEWHALL MEMORIAL SCHOLARSHIP.—One scholarship.

XII. ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIPS.—Two or more scholarships, preference to be given to "a native of New York or Connecticut who now resides in one of those States."

XIII. SAMUEL E. HILLES MEMORIAL SCHOLARSHIP.—One scholarship.

XIV. CLASS OF 1913 SCHOLARSHIP.—One scholarship, preference to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College.

XV. ISAAC SHARPLESS SCHOLARSHIP FUND.—Founded in 1941. Scholarships open to graduates of secondary schools and undergraduates of Haverford College. Awards based upon fulfillment by applicant of requirements used in selection of Rhodes Scholars to the University of Oxford. Awards granted from list submitted to Selection Committee by the Director of Admissions, subject always to final approval by the President of the College; amount variable.

XVI. CLASS OF 1917 SCHOLARSHIP.—One scholarship, preference to be given to sons of members of the Class of 1917 who may apply and who meet the usual requirements of the College.

XVII. THE GEOFFREY SILVER MEMORIAL SCHOLARSHIP.—One scholarship, available to a public school graduate in this general area who may enter Haverford.

XVIII. DANIEL B. SMITH SCHOLARSHIP.—One scholarship, awarded "in the discretion of the Faculty, as an annual scholarship for some young man needing financial aid in his College course. Preference is to be given to a descendant of Benjamin R. Smith, if any such should apply."

XIX. SARAH TATUM HILLES MEMORIAL SCHOLARSHIP FUND.—Founded November 1, 1954, by bequest of \$75,534.58 from Joseph T. Hilles, Class of 1888, in memory of his mother, Sarah Tatum Hilles, "to provide for such number of annual scholarships of \$250 each as such income shall be sufficient to create"; to be awarded by the Managers to "needy and deserving students, and to be known as 'Sarah Tatum Hilles Memorial Scholarships.' "

XX. ELIHU GRANT MEMORIAL SCHOLARSHIP FUND.—Two or more scholarships, established February 2, 1944, by Mrs. Elihu Grant "to commemorate the service to Haverford College of Dr. Elihu Grant, from 1917 to 1938 a member of the College Faculty. The income from this fund is applied to scholarship assistance to students in Humanistic studies, primarily those specializing in the study of Biblical Literature and Oriental subjects." In special circumstances the income may be utilized to assist those working for a post-graduate degree at Haverford College.

XXI. JOSEPH L. MARKLEY MEMORIAL SCHOLARSHIP.—One scholarship, awarded at the discretion of the Faculty, "on the basis of character, scholarship and financial need."

XXII. JOSEPH C. AND ANNE N. BIRDSALL SCHOLARSHIPS.—One scholarship, awarded at the discretion of the Faculty "to some student or students preparing for medicine, the selection to be based on character, scholarship and financial need."

XXIII. DANIEL E. DAVIS, JR. MEMORIAL SCHOLARSHIP.—One scholarship, awarded at the discretion of the Faculty, "on the basis of character, scholarship and financial need."

XXIV. CHRISTIAN FEBIGER MEMORIAL SCHOLARSHIP.—One scholarship, established June 13, 1946, by Mrs. Madeleine Seabury Febiger in memory of

her husband, Christian Febiger, of the Class of 1900. The income of this fund is applied in paying tuition and other college expenses of worthy, needy students.

XXV. THE W. W. COMFORT FUND.—This fund was established in 1947 by the Haverford Society of Maryland. Grants from this fund are made with the understanding that the recipient shall, at an unstated time after leaving college, repay to the fund the amount which he received while an undergraduate.

XXVI. JONATHAN M. STEERE SCHOLARSHIP FUND.—Established in December 1948 by Jonathan M. Steere, of the Class of 1890. The scholarship is intended primarily for a graduate of Moses Brown School, Providence, Rhode Island, who shall be a member of the Society of Friends.

XXVII. WILLIAM GRAHAM TYLER MEMORIAL SCHOLARSHIP.—Founded in 1949 in memory of William Graham Tyler, of the Class of 1858. Preference shall be given to students from Oskaloosa, Iowa, or from William Penn College, on the basis of character, scholarship and financial need.

XXVIII. MAX LEUCHTER MEMORIAL SCHOLARSHIP.—Established in December, 1949, in memory of Max Leuchter, father of Ben Z. Leuchter, of the Class of 1946. One scholarship, awarded at the discretion of the Faculty, "on the basis of character, scholarship and financial need."

XXIX. 1890 MEMORIAL SCHOLARSHIP FUND.—Established by a member of the Class of 1923 in memory of his father, of the Class of 1890, and in recognition of his father's friendship with the members of his class. The income from this fund is to be awarded as a scholarship by the College to a deserving student.

XXX. THE A. CLEMENT WILD SCHOLARSHIP.—Established May 14, 1951, by Mrs. Gertrude T. Wild in memory of her husband, A. Clement Wild, of the Class of 1899. The income from this fund is to be awarded as a scholarship by the College to a deserving student. Preference shall be given to an English exchange student or someone in a similar category.

XXXI. THE CHARLES MCCAUL FUND.—Established in 1951 by Mary N. Weatherly. One or more scholarships which shall be "awarded to students who show special interest in the field of religion and the social sciences."

XXXII. THE CAROLINE CHASE SCHOLARSHIP FUND.—Established December 10, 1951, by Caroline Chase, daughter of Thomas Chase, one-time

president of the College. This fund is an expression of Thomas Chase's "enthusiastic appreciation for its high standards of scholarship in Greek, Latin and English literature."

XXXIII. THE JONATHAN AND RACHEL COPE EVANS FUND.—Founded in 1952 by the children and grandchildren of Jonathan and Rachel Cope Evans. One half of the income of this fund is to be used for scholarships.

XXXIV. THE NEW ENGLAND SCHOLARSHIP.—Established by the Haverford Society of New England for a New England boy from a New England school. In the award of this scholarship a committee, composed of alumni of the New England area, will consider character and personal qualities as well as the scholastic record and need of the applicant.

XXXV. THE ROY THURLBY GRIFFITH MEMORIAL FUND.—Established in June 1952 by Grace H. Griffith, in memory of Roy Thurlby Griffith, of the Class of 1919. The income from this fund is to be awarded as a scholarship by the College, "preference to be given to boys who have no father and who are in need of financial assistance."

XXXVI. THE MORRIS LEEDS SCHOLARSHIPS.—Established in 1953 by the Board of Managers of the College in memory of Morris E. Leeds, a member of the Class of 1888 and chairman of the Board from 1928 to 1945.

XXXVII. THE CLASS OF 1904 SCHOLARSHIP FUND.—Established June 4, 1954, in commemoration of the fiftieth anniversary of the Class of 1904. The income from this fund, which was contributed by the Class and the families of its deceased members, will provide one scholarship.

XXXVIII. THE WILLIAM MAUL MEASEY TRUST.—Established in 1952 by William Maul Measey, a friend of the College, who has been deeply interested in education and who has wished to help students of high quality in the pursuit of their education.

XXXIX. THE J. HORACE COOK FUND.—Established in 1955 by a bequest under the will of J. Horace Cook, of the Class of 1881, for a scholarship, "one to be awarded each year so that there will be a student in each class receiving his tuition from this fund."

XL. THE INAZO NITOBE SCHOLARSHIP FUND.—Established in November 1955 under the will of Anna H. Chace, "the income to be used and applied for the education at Haverford College of a Japanese student who shall be a resident of Japan at the time of his appointment to such scholarship and for

his traveling expenses from and to Japan and his living expenses during the period he shall hold such scholarship."

XLI. THE GIFFORD K. WRIGHT SCHOLARSHIP FUND.—Established in December 1955 in memory of Gifford K. Wright, of the Class of 1893.

XLII. THE SUMMERFIELD FOUNDATION SCHOLARSHIP FUND.—Established in February 1956 one scholarship, awarded at the discretion of the Faculty, "on the basis of character, scholarship and financial need."

XLIII. THE SCOTT AWARD.—Established in 1955, for a period of five years, by the Scott Paper Company Foundation. "A two-year scholarship award for the Junior and Senior years, to be given to that student who is planning to embark upon a business career and who is judged by both students and faculty as an outstanding member of the Sophomore Class."

XLIV. THE UNION CARBIDE SCHOLARSHIPS.—Established in September 1955, by the Union Carbide and Carbon Corporation, four four-year scholarships which cover the cost of tuition, books and fees and which are available to students who are interested in careers in business or industry, research or teaching.

The General Scholarships

In addition to the endowed scholarships, a general scholarship fund is available. Awards from this fund will be made by the committee, the scholarships varying in size and number according to the need of the applicants.

Curriculum

General

HAVERFORD is a liberal arts college. Its curriculum is designed to develop in its students the capacity to learn and understand, and to make sound judgments based on knowledge and on thought. The requirements for the degree insure the exercise of these skills in each of the broad fields of human knowledge, and their subtler development in a single field of concentration.

Bachelor's Degree

To graduate from Haverford College a student must complete successfully four years of academic work and three years of Physical Education (part of which may be replaced by work in the Arts and Service Program). Credit for a year of academic work is given to a student who has taken five courses for each of two semesters with an average of at least 65 for the Freshman year, and at least 70 for each of the next three years. Among the courses taken, the student must include freshman English, the courses required for his Major Department, and, during the first three years, those required under the limited electives program (see below). He must also include Course 100 in his Major department during the second semester of the Senior year, at the end of which he must take the major examination in that department, and receive a grade of at least 70. The degree normally conferred upon all candidates meeting these requirements is that of Bachelor of Arts. Upon request by the candidate and approval by the department concerned, however, the Bachelor of Science degree will be granted to men majoring in Natural Science, Mathematics, or Engineering.

The award of Honors for work toward the Bachelor's degree is described on pages 117-118.

Limited Electives

To ensure breadth of distribution, every student is required to take a certain number of courses, as indicated in each of four groups. This requirement must be satisfied before a student can be admitted to Senior standing. Exceptions may be made by agreement between the Major Supervisor and the Dean. The requirements are as follows:

1. **FOREIGN LANGUAGES:** One full-year course in a foreign language beyond the elementary grade. For the purpose of this requirement, all first year foreign language courses, with the exception of Greek 11, 12, are considered as of elementary grade. However, students whose native tongue is other than English are not required to study additional language in college.

(N.B. A language course which is listed under the Humanities requirements below may be used toward satisfying requirements in Group 1 or Group 2 but not in both.)

2. **HUMANITIES:** The requirement may be met by taking four semester courses as follows:

- (a) Two semester courses from the following:

Biblical Literature 12, 13, 23.

Humanities 21-22.

Philosophy 11, 12, 21-22, 28, 32, 36.

- (b) Two semester courses from the following:

Biblical Literature 11, 20.

English 21, 22, 23, 24, 25, 26, 29, 31, 32, 33.

French 12, 14, 23-24, 25-26.

German 15, 21-22, 31, 32, 33, 36, 37, 38.

Greek 11, 12, 21, 22, 29.

History of Art 21-22; Bryn Mawr 201, 203, 204, 301, 302.

Latin 13-14, 15, 16, 23, 24.

Music 11, 12, 21-22.

Philosophy 23 or 29; 24, 26.

Russian 201, 203 (Bryn Mawr).

Spanish 15-16, 21-22, 23-24.

3. **NATURAL SCIENCES AND MATHEMATICS:** The requirement may be met by taking four semester courses chosen from:

Astronomy, Biology, Chemistry, Mathematics, Physics,

Geology 101a, 101b* and Physical Science 31, 36.

At least one of the four semester courses must be a laboratory course. Excluded from the category of laboratory courses are Biology 13, Physical Science 31, 36 and all courses in the Department of Mathematics.

* Geology is offered at Bryn Mawr College. In order for a student to take courses at Bryn Mawr, he must meet the requirements as stated on page 44 of this catalog.

4. **SOCIAL SCIENCES:** The requirement may be met by taking four semester courses chosen from at least three of the following departments:

Economics, History, Political Science, Psychology and Sociology.

Free Electives

A number of courses sufficient to bring the total to forty semester courses shall be chosen by the student in consultation with his Faculty Adviser, with the understanding that the College reserves the right, through the Adviser and the Dean, to prevent unreasonable combinations of courses.

Non-Academic Electives

Three terms of Physical Education or of courses in the Arts and Service Program are required of each Freshman, Sophomore, and Junior, as described on pages 82 and 99. These courses must be taken in addition to the 40 semester courses of academic work required for a degree.

Major Concentration

A student may elect to major in any one of the following departments: Astronomy, Biblical Literature, Biology, Chemistry, Classical Archaeology (Bryn Mawr College), Economics, Engineering, English, French, Geology (Bryn Mawr College), German, Greek, History, History of Art (Bryn Mawr College), Italian (Bryn Mawr College), Latin, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Russian, Sociology, Spanish.

Definite requirements are stated under the name of each department on pages 49-98. During the fourth semester of his attendance each student should confer with the Major Supervisor of the department in which he wishes to major, and apply to him for written approval of a program of courses for the last four semesters. Such a program must provide for the completion, by the end of the Senior year, of approximately twelve semester courses, or the equivalent, at least six of which must be in the Major Department and the others in closely related fields. Should the student's application be rejected by the department of his first choice, he must immediately apply in another. Failure to file with the Dean, before the date specified on the College Calendar, a copy of his Major Program signed by his Major Supervisor, will entail a fine of \$5. Any student who continues delinquent in this matter will be debarred from the final examinations in his fourth semester. Should the student's application be rejected by all the departments to which he applies, he will not be promoted.

A student who applies for permission to become a Major in any department may be rejected for *scholastic reasons only*. The College rule on this point is:

If, at the time specified for application, the average of the grades obtained by a student in the "preliminary courses"* of any department is 75 or above, the student will be accepted by that department.

If the average of the grades obtained in these courses is below 70, the student will be accepted in that department only under exceptional circumstances.

If the average of the grades obtained in these courses is 70 or above, but below 75, the decision will be at the discretion of the Major Supervisor.

A student who has been formally accepted as a Major by any department has the right to remain as a Major in that department as long as he is in College. Should he wish to change from one department to another after the beginning of his fifth semester, the change can be made only with the consent of the new Major Supervisor and the Dean.

Each Senior must take a special Major comprehensive examination (written, oral, or both) during the period scheduled for such examinations. The purpose of this examination is to promote the student's comprehension, integration and application of the knowledge acquired in the field of his major concentration, and to secure evidence of this achievement. The passing grade for this examination is 70. In case of failure, a candidate may, with the permission of his Major Supervisor, present himself for re-examination at a date (to be determined by the Major Supervisor) later than Commencement Day of the current year.

If the re-examination is taken one year later, during the regular period of Major examinations, there is no fee. But if the candidate applies for re-examination at an earlier date (involving the preparation of a special examination for one individual), and if the request is granted, the fee is \$25.

As special background for the comprehensive examination a senior shall engage in a period of study, technically called course 100, in his department of concentration during the semester preceding that examination. This period of study shall be counted as one of the five courses normally carried by the

* "Preliminary courses" are any courses the student may already have taken in the department to which he is applying. If the applicant has not already taken any courses in that department, the department may name courses in other departments which are to be regarded as "preliminary."

student during his final semester. Evaluation of the work in course 100 may be included in the grade earned by the student in his comprehensive examination.

In case of failure in the comprehensive examination a student does not necessarily repeat the term work of course 100, but follows the application procedure for re-examination as indicated on the preceding page. A student may not take more than two re-examinations in the field of his major concentration.

Students taking Majors under the supervision of Bryn Mawr College will note that their course 100 may extend over more than one semester; if this is the case, credit for two courses at Haverford will be granted if the work in each semester of this course is satisfactory.

Examinations in courses in the Major subject taken in the last semester of the Senior year may be omitted at the discretion of the Major Supervisor.

A student who has demonstrated unusual maturity and who has special interests and abilities may be permitted to arrange an *interdepartmental major*. The program of courses, the nature of the 100 course, and the nature of the comprehensive examination for an interdepartmental major are to be worked out in advance (that is, when the major is selected) by the student, with permission of the Dean, in consultation with and subject to the approval of the chairmen of the departments concerned, one of whom will be designated as Major Supervisor for that student.

In rare cases, and only for high ranking students, a *double major* may be arranged, in which the student takes the complete major in each of two departments. In order to take a double major, a student must receive permission from the Dean as well as from the chairman of each of the departments concerned.

Freshman Program

Each Freshman, on entering the College, is assigned to a Faculty member as Adviser. Normally, the student keeps the same Adviser until he chooses a Major near the end of the Sophomore year, when the Chairman of the Major Department becomes his Adviser. Assignment of Advisers for incoming students is made by the Dean, on the basis of the best evidence available to him. If, after being assigned an Adviser by the Dean, the student finds another Faculty member whom he would prefer to have as Adviser, he is urged to inform the Dean of this preference, so that, if possible, the change can be made.

The Faculty Adviser is instructed to advise each of his freshmen advisees on a plan of study suited to his special needs; however, the faculty requires

that English be taken throughout the year and strongly recommends that in all usual cases the remaining four courses be: one course in language, one course in the area of Social Science, one course in the area of Natural Science and Mathematics, and one additional course.

The courses open to Freshmen are numbered 11 to 19 in the section on Courses of Instruction. If he is qualified, a Freshman may be permitted by the department concerned and by the Dean to take more advanced courses.

A series of standard tests is administered to all entrants within the first few days of the first semester. These tests are helpful in guidance and counseling. One function of the tests is to determine which Freshmen should be recommended to take the voluntary course in Remedial Reading, which is offered each term, for no credit, to students who feel the need of establishing reading habits that will improve their comprehension and increase their speed in reading.

Preparation for Professions

A large number of Haverford College students plan, after graduation, to enter upon further courses of study. As a liberal arts college, Haverford arranges its curriculum so that students who have such plans are able to meet the entrance requirements of graduate and professional schools. The College does not, however, attempt to anticipate in its own curriculum the work of any graduate or professional school. It is the conviction of the Faculty that the best preparation for graduate work is a liberal education, with sound training in basic disciplines, to which more specialized training may later be added.

A student who intends to go to a professional school is free to choose his major in accord with his principal abilities and interests, since professional schools, such as those of business administration, education, law, medicine, or theology, usually accept students on the basis of merit regardless of their choice of major and, except in the case of medical schools, without specific course requirements. The requirements of most state boards of medical licensure are such that all students who hope to be admitted to a medical school must take two semester courses, each of which must include laboratory work, in biology (usually Biology 12 and 21), Chemistry 11 or 13, 14, 25, and 26, and Physics 13, 14.

Students who plan to go to professional schools should seek advice as early as possible from appropriate Faculty members as follows: business administration, Mr. Teaf; education, Mr. Friedrich; engineering, Mr. Holmes; law, Mr. Somers; medicine, Mr. W. Cadbury; theology, Mr. Flight or Mr. Steere.

If a student plans to do graduate work in a departmental subject, such as engineering, mathematics, history, etc., he should consult as early as possible with the chairman of the department at Haverford which most nearly corresponds to the department in which he plans to work in graduate school. This adviser will be able to guide him in his selection of courses, his choice of Major (which will not *necessarily* be in the department of his intended graduate study), and other questions which may have bearing on his future.

Law schools, medical schools, and some graduate schools require applicants to take special admission tests. Arrangements for taking these tests are the responsibility of the student concerned; he can obtain information about them from the Faculty members mentioned above.

Regulations

Conflicting Courses

A student is not allowed to elect conflicting courses, except with the permission of the Dean and the two instructors concerned.

Additional Courses

Although the normal load is five courses each semester, a student who desires to do so may take additional work upon approval of his adviser and the Dean. Such approval will not normally be granted to Freshmen, but will usually be granted to a Sophomore, Junior, or Senior who requests it, if his average for the preceding semester was 80 or above. There is no charge for a sixth course taken by a student in full standing, but a fee of \$40.00 is charged for a sixth course taken to make up a deficiency incurred under the regulations in force prior to September, 1956.

Audited Courses

A student who wishes to audit a course should obtain the permission of the instructor. No charge is made for auditing.

Course Changes

Courses may be changed during the first week of each new semester. During that time students are free to make changes after consultation with their Advisers and the Dean.

Changes will not be permitted later except in cases where the student is known to be an excellent student and where he receives the consent of the professor to whose course he is changing and of his Adviser and of the Dean.

Special Cases

Whenever a student gives proof of special abilities, the College is prepared to lay aside such requirements of the normal program as stand between him and the development of his gifts.

Evaluation of Academic Performance

The instructor in each course submits at the end of each semester a numerical grade for each student. These grades may range from 0 to 100. The grades obtained by each student are averaged together to give evidence of his overall performance during that semester.

The Committee on Academic Standing reviews students' records at intervals, and has authority to drop students from college, or to set requirements for additional work in cases of students whose work is unsatisfactory. As a rule, the Committee will drop from college Freshmen who do not receive the required average of 65 or higher, and upperclassmen whose averages are below 70. However, any student whose record is such as to justify the belief that he is not availing himself of the opportunities offered by the College may be dropped.

A student who, because of special circumstances such as illness, receives a low grade in a course, may petition his instructor and the Dean for a special examination. If the request is granted, and the student takes the special examination, the grade in that examination will replace the grade originally received in the mid-year or final examination in computing the final grade for that course; the new course grade will be entered in place of the old on the student's transcript, and the semester average will be revised accordingly.

In some circumstances a student may be permitted by the Dean to drop a course, or to take less than the normal load, and thus does not receive grades for the full five courses. The Committee on Academic Standing will review all such cases, and will specify what work the student must perform to be restored to full standing. Similarly, in the case of a student who wishes to accelerate, this Committee will specify conditions under which credit for an extra semester's or year's work will be granted.

Intercollegiate Cooperation

Because of the cooperative relationship between Bryn Mawr College, Haverford College, Swarthmore College, and the University of Pennsylvania, full-time students of any of these four institutions may, upon presentation of the proper credentials, enroll for courses in another institution of the group without additional expense.

Students desiring to take advantage of this arrangement must obtain the permission of the Dean. This permission will not usually be granted to a student whose general average for the preceding semester has been less than 80. Exceptions may be made in case the course at the other institution is necessary for the student's Major. It is the student's responsibility to register in the selected course on registration day at the institution where the course is to be given. The course should also be entered on his registration card at Haverford.

Permission for graduate students at Haverford to take courses at other institutions should be obtained from the Committee on Graduate Program. Ordinarily, the holder of a graduate fellowship will not be permitted to take more than one course in another institution for credit on his Haverford record.

Visitors and Lectures

In recent years, the College has arranged for individual departments of the Faculty to invite visitors to Haverford for varying periods of time to meet with members of the department and with students interested in that field. These departmental visitors, who sometimes give public lectures, have contributed considerably to the vitality of the work in the various departments.

This program has been greatly strengthened as a result of a generous bequest from the late William P. Philips. A substantial sum from this bequest is used to bring to Haverford "distinguished scientists and statesmen," whose visits may last anywhere from a few hours to a full academic year. On pages 14-15 of this catalog is a list of the visitors brought to the campus under this bequest during the academic year 1956-57.

The Haverford Library Lectures and the Shipley Lectures, both endowed lectureships, provide annual speakers. The endowment for the former, a gift from the estate of Mary Farnum Brown, is available "for an annual course or series of lectures before the Senior Class of the College, and other students, on the Bible, its history and literature, and as a way may open for it, upon its doctrine and its teaching." The fund for the latter was presented by Samuel R. Shipley, in memory of his father, Thomas Shipley. The income from the Shipley fund is used "for lectures on English literature." At the weekly Collection meetings of the whole College prominent visitors talk to the student body on subjects of current interest.

The Class of 1898 Lectureship was established by that class in 1948.

Graduate Study

Admission to Candidacy for Master's Degree

GRADUATES OF INSTITUTIONS of standing equivalent to that of Haverford College, who present satisfactory evidence of character, seriousness of purpose, and scholarly attainments, may be admitted as candidates for the degree of Master of Arts or Master of Science. The number of graduate students to be admitted each year will be determined by the Administration, in view of the situation obtaining in the College and in individual departments in that year. A candidate for the graduate degree must show competence in one language besides English. Each applicant will be advised, on request, of the language requirements to be met in the particular department in which he wishes to carry out his specialized study.

Applications, together with transcripts, should reach the Director of Admissions not later than May 1. Scholarship aid, financed by the T. Wistar Brown Fund, is available for qualified graduate students.

Charges.—For charges and fees see pp. 27-28.

Requirements

A candidate is required to pass four full-year advanced courses or their equivalent,* each with a grade of not less than 80, and to do satisfactory additional intensive work, which may take the form of a thesis or other research, equivalent to a full course. At least two of the courses and the additional intensive work must be in the special field chosen by the candidate, and the remaining courses in allied subjects. In addition, the candidate may be required, at the discretion of the professor in charge, to pass a comprehensive examination upon the field of his special study. The scope of the examination will be determined by the professor in charge, and will be communicated to the candidate when he is admitted as a graduate student. The entire plan of study must be drawn up by the candidate in consultation with the professor under whom he proposes to do the major part of his work. This plan must be submitted for approval before October 1 to the Chairman of the Committee on Graduate Program. After approval by this Committee, the program must be filed with the Registrar. In cases where a thesis is required, the candidate must deposit two copies of his thesis in the College Library at least two weeks before Commencement.

A minimum of one year's residence is required, and a candidate, if well

* In a full-year course, the course grade is the average of the two semester grades; in other cases each semester's work is a separate course, for the purpose of this requirement.

prepared, should be able to complete his work for the degree in this time. If his preparation is inadequate, a longer period of residence may be necessary, but the required work must be completed in not more than two academic years. Courses taken before the registration of the candidate as a graduate student at Haverford College will not usually be counted toward the degree.

Candidates who engage in any occupation or employment other than graduate study will not generally be able to satisfy the requirements for the degree in one year.

COURSES OF INSTRUCTION

THE NUMBERING SYSTEM used in this catalog involves a two-digit number for each semester course. Courses numbered from 11 through 19, primarily Freshmen courses, are open to all students; courses numbered from 20 through 30 are open to Sophomores, Juniors, and Seniors; courses numbered from 31 through 60 are open to Juniors and Seniors; courses numbered from 61 through 80 are open only to Seniors; courses numbered from 81 through 89 are project courses open to Seniors and often also to Juniors; in each department the course in preparation for the comprehensive examination is numbered 100.

When two course numbers, followed by a single description, are joined by a hyphen, the course is a year course; a student who takes the first semester of such a course must normally take the second semester. When two course numbers followed by a single description are separated by a comma, the first semester may be taken without the second, though the two are normally taken together as a year course. In either case, the first semester course is prerequisite to the second.

Unless otherwise stated, courses with uneven numbers are given in the first semester; those with even numbers in the second.

Where a course is listed as prerequisite for another course, a grade of 60 or better will be required in the prerequisite course, unless otherwise specified; however, the instructor may waive this requirement at his discretion.

Each course carries three semester hours credit, and is offered annually, unless otherwise specified.

Astronomy

THE DEPARTMENTAL WORK is designed to give students an understanding of and an interest in the universe in which they live. At all times in the course work the relation of astronomy to the other fields of learning is kept to the fore. The courses progress from the elementary, through courses requiring more mathematical and physical background, to the strictly logical and critical development of a limited problem.

Major Requirements

Astronomy 11, 12, 45, 46, 81, 82, and 100; Mathematics 11, 16, 21, 22; Physics 13-14, 28.

Three written comprehensive examinations of three hours each.

11, 12. DESCRIPTIVE ASTRONOMY—*Four hours, including one laboratory period a week.* Mr. Green.

Our knowledge of the motions, composition, organization, and evolution of the solar system, stars, and galaxies is presented, together with explanations of the methods by which this information is obtained. The laboratory work consists of visual, photographic, and spectroscopic observations of the sun, moon, planets, stars, and nebulae.

21, 22. READING COURSE IN STELLAR ASTRONOMY—Mr. Green.

Systematic reading in stellar astronomy from an established list of recent books and research articles. *Astronomy 21* may be taken in either semester. Prerequisite: *Astronomy 11, 12.*

Not offered in 1957-58.

45. ASTROPHYSICS—Mr. Green.

An introduction to spectroscopy, quantum mechanics, and statistical mechanics leads to the study of ionic and molecular equilibria in the atmosphere of the stars, in the diffuse nebulae, and in interstellar space. Prerequisite: *Physics 28* and *Mathematics 21, 22*; Junior or Senior standing.

Offered in 1958-59 and alternate years.

46. ASTROPHYSICS—Mr. Green.

The transfer of radiation in stellar atmosphere, the internal constitution of the stars, and the sources of stellar energy. Prerequisite: *Physics 28* and *Mathematics 21, 22*; Junior or Senior standing.

Offered in 1958-59 and alternate years.

81, 82. SPECIAL TOPICS IN ASTROPHYSICS—Mr. Green.

The content of this course may vary from year to year to suit the needs of advanced students. It may be repeated for credit. Prerequisite: Considerable maturity in Mathematics, Physics, and Astronomy. Senior standing.

Not offered in 1957-58.

Biblical Literature

THE COURSES in this Department are intended to give opportunity for study of our literary, moral, and religious heritage from the cultures which flourished in the Eastern Mediterranean lands where the roots of our civilization lie.

Those courses which are specifically Biblical in content are directed toward appreciation and understanding of Old and New Testaments and Apocrypha, their history, meaning, and interpretation. These courses cover broadly the historical backgrounds, literary qualities, and enduring religious values in these works of creative genius. Course 11, a survey of the whole Bible, is recommended as properly introductory to this field. Courses 12, 13, and 22, somewhat more advanced, place emphasis respectively upon the growth of religious ideas, the beginnings of the Christian movement, the literary history and art of the Bible, and its influence upon English and other literatures. Conference courses offer opportunity for intensive work by individual students on problems of archaeological, historical, or religious interest. Course 28 affords study of the broad background of the great early culture-centers of the Near East, where the first significant steps toward civilization were taken, many of whose achievements have come down in unbroken line into our western civilization. Finally, a course in comparative religion (Biblical Literature 23) is designed to acquaint the student with the nature and significance of religion in various cultures of our modern world.

Major Requirements

Six half-year courses in Biblical Literature, and Biblical Literature 100.

Six other half-year courses in either Biblical Literature or related departments, such as English, History, Philosophy, Psychology, Sociology.

Special study of one selected Biblical field, e.g., history, literature, the Old or New Testament.

A comprehensive examination covering the history, literature, and criticism of the Bible, and the religious and moral life of the Hebrews, Jews, and Christians.

11. INTRODUCTION TO THE BIBLE—Mr. Flight.

Literary history of the Biblical books; problems of origins, growths, interpretation, literary and religious values.

12. DEVELOPMENT OF CHRISTIAN THOUGHT—Mr. Flight.

Exploration of selected problems and principles of Christian living, with refer-

ence to their backgrounds and their meaning and application to contemporary life. Prerequisite: *Biblical Literature* 11, 13, or 23.

13. THE RISE OF CHRISTIANITY—Mr. Flight.

A study of the background, early development, and spread of the Christian movement, up to the fourth century, as reflected in the New Testament, particularly in the book of Acts and the letters of Paul, and in the writings of the Church Fathers.

To be offered in 1957-58 and alternate years.

20. THE ENGLISH BIBLE—Mr. Flight.

(Also called *English* 20.)

History and literary art of the English Bible, particularly the King James version, and its influence on English and other literature. Not open to Freshmen.

To be offered in 1957-58 and alternate years.

23. COMPARATIVE RELIGION—Mr. Flight.

A comparative study of the great living religions, their founders, their scriptures, their characteristic ideas and ideals. Not open to Freshmen.

Offered in 1958-59 and alternate years.

28. ANCIENT HISTORY OF THE NEAR EAST—Mr. Flight.

(Also called *History* 28.)

The beginnings of Western civilization in the cultures of the Near East; archaeological and historical. Not open to Freshmen.

Offered in 1958-59 and alternate years.

81 or 82. SPECIAL TOPICS—ADVANCED SEMINAR—Mr. Flight.

Individual work to be elected by the student from one or more of the following divisions of the field: literature, archaeology, history. Prerequisite: A grade of 85 or more in one course in the Department. Limited to six students. May be repeated for credit with change of content.

Biology

THE BIOLOGY program is designed to give a solid foundation in general biological principles, an insight into recent developments of experimental aspects of the field and an opportunity for a research experience in the senior year.

The courses are built up in a sequence of three stages.

- 1) Four introductory courses to be taken at the freshman and sophomore level which cover biological principles (13, 21) and biological diversity (12, 14).

- 2) Six advanced courses (25, 31, 32, 34, 36, 38) to be taken at the junior or senior level designed to create sufficient competence for research in the senior year.
- 3) Three Senior Research Tutorials (61-62, 63-64, 65-66) involving reading of current literature, laboratory research, student lectures and seminars and a senior thesis. The topics of these research tutorials lie in the areas of principal interest of the instructors.

Major Requirements

Biology 12, 13, 21, 31, 32, either 25 or 38, either 61-62 or 63-64 or 65-66, 100; Chemistry 13, 14, 23, 25.

The Department strongly recommends the following additional courses since they provide a minimum theoretical background for advanced work in Biology; Mathematics 11, 16; Physics 13, 14, Chemistry 26, 31, 32.

Biology 100 consists of a series of seminars given by students and designed to tie together the work done in the three Senior Research Tutorials, and a written comprehensive examination at the end of the senior year.

12. THE ANIMAL KINGDOM—*Four hours, including one laboratory period a week.* Mr. Conner.
A study of the evolution of structure and function in the animal kingdom.
13. ORGANISMS IN TIME AND SPACE—Mr. Loewy.
An introductory course dealing with the phenomenon of biological adaptation. It includes an elementary treatment of the principles of heredity and their application to population dynamics through time (evolution) and space (ecology).
14. THE PLANT KINGDOM—*Three hours. Two class periods and one laboratory period a week.* Mr. Loewy.
A study of evolutionary development in the plant kingdom and of the structure and function of the higher plants. Advanced students can do additional work in plant physiology.
Not offered in 1957-58.
21. PHYSICAL BASIS OF LIFE—*Four hours, including one laboratory period a week.* Mr. Loewy and Mr. Santer.
An introductory course in the areas of biology conventionally denoted as Physiology, Biochemistry, and Biophysics.
The course will attempt to give insight into the methods and subject matter of the physical-chemical approach to the study of living systems. Major emphasis is laid on cells rather than on correlative mechanisms between cells.
Prerequisite: *Chemistry 13, 14*, or consent of the instructor.
25. GENETICS—*Four hours including one laboratory period a week.* Mr. Finger.
A course concerned with the ways in which diversity among living forms is achieved through a consideration of hereditary mechanisms ensuring regularity within this framework of variation. Lectures will cover the contributions of the nucleus,

cytoplasm, and environment to the development of a character and will be supplemented by laboratory experiments with the fruit fly, corn, and microorganisms. Prerequisite: *Biology 13*.

31, 32. MICROBIOLOGY—*Four hours, including one laboratory period a week.*
Mr. Santer.

A course dealing with the microbial worlds of bacteria, viruses, fungi and algae. The lectures will define these various groups and describe how they carry on their life processes. Great emphasis will be placed on biochemical studies which have helped to elucidate (1) pathways of substrate metabolism, (2) biosynthetic capabilities, (3) methods of reproduction. In the laboratory the student will learn the techniques of culturing and recognizing various microorganisms and will study bacterial metabolism.

Prerequisite: *Biology 21*; *Chemistry 23, 25* must be taken previously or concurrently.

34. READING COURSE IN EVOLUTIONARY THEORY—Mr. Finger.

The purpose of this course is to enable the student to acquaint himself with evolutionary theory, both current and past, by reading advanced textbooks, reviews and scientific journals.

Prerequisite: *Biology 25* and consent of the instructor.

36. EMBRYOLOGY—*Four hours, including one laboratory period a week.* Mr. Finger.

A study of the development of animal structure. Lectures and laboratory will deal mainly with the contributions of experimental embryology to an understanding of the mechanisms leading to cellular and organ differentiation.

Prerequisite: *Biology 12*.

38. CELLULAR PHYSIOLOGY—Mr. Loewy.

The purpose of this course is to develop a theoretical basis for the study of some integrated cell functions (osmotic, electrical and contractile work). Emphasis is placed on the physics and chemistry of proteins and nucleic acids and the sub-microscopic structure of the cell.

Prerequisite: *Biology 21, Physics 13, 14* to be taken previously or concurrently.

61-62. SENIOR RESEARCH TUTORIAL IN COMPARATIVE BIOCHEMISTRY—
Mr. Santer.

Individual student research on various aspects of microbial metabolism. Present projects are concerned with the metabolism of chemosynthetic microorganisms. Laboratory work is supplemented with readings, written reports and seminars on advanced topics in microbiology and biochemistry.

Prerequisite: *Biology 31, 32*.

63-64. SENIOR RESEARCH TUTORIAL IN CELLULAR ARCHITECTURE—Mr.
Loewy.

Readings from current textbooks and periodicals on structural aspects of proteins, nucleoproteins, cellular particulates and cells. Considerable emphasis is placed on techniques by which fine structure can be studied. Research in an area relating

protein chemistry to cellular fine structure and cellular function. Student lectures on readings and research.

Prerequisite: *Biology 38*.

65-66. SENIOR RESEARCH TUTORIAL IN PHYSIOLOGICAL GENETICS—Mr. Finger.

Experiments will deal mainly with approaches to the problem of the interaction of genes and non-genic elements in determining cellular function, the induction of mutation, and the role of selection in heredity. The experimental work will be carried out with microorganisms, especially protozoa, and experience will be gained in experimental design, culture and handling of small organisms, immunological techniques, and the statistical analyses of biological data.

Prerequisite: *Biology 25* or permission of the instructor.

Not offered in 1957-58.

81, 82. PROJECT COURSES—Mr. Finger, Mr. Loewy and Mr. Santer.

Open only by permission of instructor.

Chemistry

THE COURSES in chemistry, when taken in proper sequence, afford a developing knowledge of chemistry as a rational science. Fundamental principles are stressed but sufficient experimental and other factual material is introduced to render these principles clear and to illustrate their applicability. Emphasis is placed upon precision of observation, measurement, and statement, and upon the application of the inductive-deductive method of scientific development, with the aim of making the study of chemistry of general educational value.

A Major in chemistry who intends to undertake graduate study in Chemistry should include in his program courses 63, 64 and 66, together with German 13-14, and Mathematics 21, 22. This is in accord with the level of accomplishment recommended by the American Chemical Society. Course 81 or 82, giving some insight into the aims and methods of original research, is also desirable. For the courses in chemistry needed for premedical preparation, see page 41.

Major Requirements

Chemistry 11 or 13, 14, 23, 24, 25, 26, 31, 32, one additional advanced course, and 100.

Physics 13, 14, Math. 11, 16.

The comprehensive examination will cover the general field of the chemistry courses listed above.

Majors will meet with members of the Staff for one period per week during the second semester of their Senior year for a critical discussion of the chemical prin-

ciples studied in the courses and the application of these principles to modern developments in the science.

Students who are considered qualified to become candidates for Final Honors will be invited to do so in the second semester of the Junior year. Honors work will include independent reading, project courses, and superior performance in Chemistry 100.

11. **ELEMENTARY CHEMISTRY**—*Four hours, including one laboratory period a week.* Mr. Dunathan.

A study of the fundamentals of chemistry, with emphasis on the laws of chemical combination. The chemical and physical properties of common elements are studied and an introduction to the chemical aspects of the theory of atomic structure is given, with applications to the properties of ionic compounds.

13. **GENERAL CHEMISTRY**—*Four hours, including one laboratory period a week.* Mr. Williams.

A study of chemical principles, with applications to the properties of ionic compounds. Laws of chemical combination and the physical properties of the various states of matter will be reviewed. Modern concepts of atomic structure are studied and applied to the understanding of the nature of ionic compounds and their reactions. The nature of acids, bases, oxidation and reduction is discussed and the concept of chemical equilibrium is introduced.

Prerequisite: High school chemistry and consent of the instructor.

14. **ADVANCED GENERAL CHEMISTRY**—*Four hours, including one laboratory period a week*—Mr. Walter and Mr. Williams.

A continuation of the correlation of chemical properties with atomic structure, with applications to the properties of covalent compounds. The relationship of bond type to atomic structure is exemplified. The structures, acid-base equilibria, stereochemistry and characteristic functional groups of covalent molecules are studied. Prerequisite: *Chemistry 11 or 13.*

- 23, 24. **INORGANIC AND ANALYTICAL CHEMISTRY**—*Four hours. Two class periods and two laboratory periods a week.* Mr. MacKay.

A study of the principles, methods and factual matter of inorganic and analytical chemistry. The lectures deal with electrolyte solutions, ionic equilibria and systematic inorganic chemistry. Laboratory work will include qualitative and quantitative analysis. Prerequisite: *Chemistry 14.*

25. 26. **ORGANIC CHEMISTRY**—*Four hours, including one laboratory period a week.* Mr. Walter and Mr. Dunathan.

A survey of the chemistry of the functional groups common in organic compounds and of the elementary theoretical basis of organic chemistry.

Prerequisite: *Chemistry 14.*

- 31, 32. **PHYSICAL CHEMISTRY**—*Three hours, or four hours including one laboratory period a week.* Mr. Cadbury and Mr. MacKay.

A study of the physico-chemical properties of matter, the first and second laws of thermodynamics, homogeneous and heterogeneous physical and chemical equilibrium, electrochemistry and chemical kinetics. Prerequisites: *Chemistry 23, Physics 13, 14, Math. 12, 16.*

61. ADVANCED PHYSICAL CHEMISTRY—*Three hours.* Mr. Williams.

A study of atomic and molecular structure from a chemical viewpoint. Various special topics in physical chemistry will be included. Prerequisite: *Chemistry 32.*

63. QUALITATIVE ORGANIC ANALYSIS—*Four hours. Three laboratory periods and one lecture each week.* Mr. Dunathan.

Further development of the principles of organic reactions, and practice in their application to experimental identification of organic compounds. Prerequisite: *Chemistry 26.*

64. ADVANCED ORGANIC CHEMISTRY—*Three hours.* Mr. Walter.

Selected topics from the fields of stereochemistry, reaction mechanisms and the structure and biosynthesis of natural products. Prerequisite: *Chemistry 26.*

66. ADVANCED QUANTITATIVE ANALYSIS—*Four hours. Two lectures and two laboratory periods a week.* Mr. Williams.

A study of the principles and practice of modern analytical chemistry, including laboratory exercises in optical, electrochemical and other instrumental methods of analysis. Prerequisite: *Chemistry 32* (may be taken concurrently).

81 and 82. CHEMICAL RESEARCH—Staff.

Special projects in chemical research. May be taken only with consent of the staff. Expected of Honors candidates.

Economics

THE WORK in Economics is intended primarily to develop in students an understanding of the working of modern economic society, to give practice in the interpretation of economic data, to arouse an informed interest in public affairs, and to lay the basis for the formation of intelligent judgments in the field of economic policy. The introductory courses are designed to give the basic understanding of economic processes and of economic organization that should be part of a liberal education. The advanced courses also are offered as part of a program of liberal education, but are designed to meet, at the same time, the needs of men going on to graduate work in economics or business administration or directly into business. Several of the advanced courses should be of special value to men planning to enter the fields of law, journalism, the foreign service, or other government work. In the advanced courses emphasis is placed on the use of source materials and on research methods in economics, and students gain experience in the preparation of analyses and reports.

In Economics 71, 72 and 74 there is wide latitude with respect both to subject matter and to course method. The specific subjects in each will vary

from year to year, depending on the interests and capacities of the students.

Men expecting to major in Economics are advised to take Economics 12 in the Freshman year. It will also be helpful to take Mathematics 11 and 14.

Major Requirements

Economics 21, 22, 31, 37, 52, 100; one of the three courses: 71, 72, 74; and two other semester courses in Economics. Economics 100 consists of study and informal discussion of works of several great economists, with the purposes (1) of understanding the influences of their times and their personal philosophies upon their contributions to economic thought, and (2) of integrating the study of economics with related social sciences.

Four approved semester courses in the social sciences or mathematics. Mathematics 14 (Introduction to Statistics) is strongly recommended.

A comprehensive examination which normally includes a written examination, an oral examination, and the preparation of a research memorandum.

12. ECONOMIC GROWTH AND WELFARE IN A FREE SOCIETY—Mr. Teaf, Mr. Hunter and Mr. Lyons.

A study of the main features of modern economic life in the United States, including the resource base and technological setting, the institutions, organization, and the functioning of capitalism. Emphasis is placed on the problem of economic stability and the relation thereto of national income, the banking system, inflation, the public debt, and government policy.

21. ECONOMIC GROWTH AND WELFARE IN A FREE SOCIETY—Mr. Teaf and Mr. Lyons.

This is the same course as Economics 12. Offered in the first semester, 1957-58 only. Not open to Freshmen.

22. THE PRICE SYSTEM IN OPERATION—Mr. Teaf and Mr. Lyons.

A study of the manner and extent to which the basic economic questions of what is to be produced, how it is to be produced, and for whom it is to be produced are solved by the pricing system. Special emphasis is placed on current operation of the price system in agriculture, industry, public utilities, and international trade; on control of prices through monopoly or government action; and on how these basic economic problems are solved under economic systems different from that of the United States. Prerequisite: *Economics 21* or permission of the instructor.

Economics 21 and 22 together present the basic elements for an understanding of current economic problems. Students who are planning further work in economics or other social sciences are encouraged to take both courses.

31. MONEY, BANKING, AND ECONOMIC STABILITY—Mr. Lyons.

A study of the theoretical framework necessary for understanding economic instability and of the monetary means available in the United States for the promotion of a stable level of activity. The course is divided into five central parts; an analysis of the circular flow of payments and the determination of the level of income, with special reference to the role of money; money and banking processes

and determinants of the money supply as a basis for policy; Federal Reserve and debt management policy; the meshing of national monetary systems; and monetary panaceas and monetary reform. Emphasis is placed on the application of theory to understanding past events and to forecasting the future.
Prerequisite: *Economics 21*.

33. POPULATION POLICIES AND PROBLEMS—Mr. Reid.

(See *Sociology 33*.)

34. SOCIAL INSURANCE AND PUBLIC WELFARE—Mr. Somers.

(See *Political Science 34*.)

36. LABOR ECONOMICS AND LABOR RELATIONS—Mr. Teaf.

(Also called *Sociology 36*.)

A study of the fundamentals of the employer-employee relationship, such as wages, hours, security; the functioning of labor organizations and government; the purposes and methods of collective bargaining. Special emphasis is placed on methods of resolving industrial conflict. Prerequisite: *Economics 21* and *22* or permission of instructor.

37. ACCOUNTING—Mr. Teaf.

A study of the fundamentals of accounting and their application to current economic problems and issues of public policy. The course is divided into four parts: elementary theory and the methods of accumulating and reporting accounting data; problems of accounting measurement in a dynamic economy when prices are changing; the uses of accounting data in managerial decision-making; and the uses of accounting data by those outside the firm, including an introduction to national income, input-output, and money flows accounting. Prerequisite: *Economics 21* and *Economics 22* or permission of instructor.

38. THE CORPORATION—Mr. Lyons.

An analysis of the economic and legal organization of modern corporations; their relation to security holders and securities markets; statutory regulation of their financial activities; economic aspects of internal decision-making problems; and evaluation of their impact on modern society. Prerequisite: *Economics 37*.

Not offered in 1956-57; see *Economics 74a*.

39. GOVERNMENT AND BUSINESS—Mr. Hunter.

(Also called *Political Science 39*.)

An analysis of industrial market organization and government regulation of market practices. The history of anti-trust policy is reviewed and selected recent cases are discussed. Other topics include trade associations, cartels, basing-point pricing, and governmental price control. Opposing views on proper public policy are discussed and evaluated. Prerequisite: *Economics 22*.

41. THE SOVIET SYSTEM—Mr. Hunter.

(Also called *Political Science 41*.)

An analysis of the Soviet record as a case study in rapid industrialization. The evo-

lution of major political, economic, and social institutions is reviewed; attention is given to trends and prospects. The topics examined include: the background of the 1917 Revolutions; the rise of Stalin and evolution of total government; forced industrialization and agricultural collectivization; stabilization of Soviet social organization; factors explaining wartime survival and postwar recovery; evaluation of trends since 1953. Prerequisite: Four semester courses in the social sciences, or permission of the instructor.

42. THE ECONOMICS OF DEVELOPMENT—Mr. Hunter and Mr. Teaf.

An examination of the process of economic growth, especially the industrialization of partially developed or underdeveloped areas. Particular attention will be paid to problems of capital formation, to the influence of different social and political systems upon development, to the problems posed by differences in cultures, and to international cooperation. Prerequisite: *Economics/Political Science 41 or 53.*

52. GOVERNMENT FINANCE—Mr. Hunter.

An analysis of major issues in the field of government revenues and expenditures. Topics considered include standards for government expenditures, principles of equity in taxation, use of the budget to stabilize economic activity, political and economic problems in the implementation of public policy. Prerequisite: *Economics 21, 22.*

53, 54. INTERNATIONAL RELATIONS: ECONOMIC AND POLITICAL— Mr. Reitzel, Mr. Hunter, and Mr. Lyons.

(See *Political Science 53, 54.*)

An examination of the major factors which condition international relations, with special emphasis on political and economic aspects. Political Science 53 and 54 are designed as a year course; together they present the basic elements for an understanding of current international problems. The first semester's work focuses on certain basic elements: physical and human resources, fundamental economic and political concepts (e.g., trade, investment, nationalism, and imperialism) and some analysis of the interaction of these factors prior to World War II.

Against this background, the second semester is devoted to an analysis of major international developments since World War II. This study deals with selected functional problems—e.g., economic development, commercial policy, and the settlement of disputes—and area problems, especially those affecting Europe and Asia. This is followed by individual or group projects.

Prerequisite: *Economics 22 and Political Science 22.*

71. PROBLEMS OF DOMESTIC STABILITY AND GROWTH—Mr. Lyons.

Advanced study of selected issues in domestic economic policy relating to forecasting and to fiscal and monetary measures for balancing the needs of growth, stability, flexibility, security, and freedom. Ordinarily this course will be held as a seminar, but, with the permission of the instructor, it may take the form of a reading course or a project course, for individual students or for the entire class. Prerequisite: *Economics 31 and 52.*

72. PROBLEMS OF THE INTERNATIONAL ECONOMY—Mr. Teaf.

Advanced study of current problems in international economic relations, such as trade and commercial policy, financial organization and the foreign exchanges, and international investment and economic development. Ordinarily this course will be held as a seminar, but, with the permission of the instructor, it may take the form of a reading course or a project course, for individual students or for the whole class. In 1956-57 the course was a seminar on the economic growth of underdeveloped countries. Prerequisite: *Economics* 53, 54, or permission of the instructor.
Not offered in 1957-58.

74. PROBLEMS OF BUSINESS ORGANIZATION—Mr. Teaf.

Advanced study of the organization of modern complex societies for industrial production and commerce. Problems involving relationships within firms and among firms; issues raised by activities of labor organizations and of government. Students will have an opportunity to concentrate on one or more aspects of a very broad field, according to their interests. Ordinarily this course will be held as a seminar, but, with the permission of the instructor, it may take the form of a reading course or a project course for individual students or for the entire class. In 1956-57 the course will be a seminar on the corporation, with emphasis on organization and finance. Prerequisite: *Economics* 37, 38, or 39.

Engineering

HAVERFORD gives a fundamental engineering education based on the broad, well established liberal arts program so much emphasized as needed to meet today's requirements and is exceptionally well suited for preparing a student for a career in engineering, business or industry.

Students not intending to enter the highly specialized fields of design and research will find the Haverford courses ample for their needs. Graduates of Haverford who have majored in engineering are admitted to the student-engineers' courses of the leading industrial companies on equal terms with graduates of engineering colleges. Those who desire more technical training before entering the active work of the profession are granted substantial credit toward advanced standing in technical institutions or are admitted to their graduate schools.

The engineering courses are conducted in Hilles Laboratory of Applied Science, a modern building with mechanical and electrical laboratories and other necessary facilities. Classes are small with close student-professor relationships.

Exceptional facilities are offered by the numerous industries in the Philadelphia area that welcome our students to visit their plants and the technical societies that invite them to their meetings. Frequent field trips are made.

A typical course similar to those variously announced as "General Engineering", "Engineering Administration", etc. is available at Haverford, such as the following:

Freshman Year

Freshmen Engineering, Drawing,
Surveying, Production Methods)
Mathematics
Chemistry
Freshman English
Foreign Language

Junior Year

Elements of Electrical Engineering
Engineering Elective (e.g. Fluid Mechanics)
Engineering Seminar
Economics
Elective (e.g. English)
Elective (e.g. Sociology)
Elective (e.g. Psychology)
Elective

Sophomore Year

Kinematics of Machines
Analytical Mechanics
General Physics
Mathematics
Electives (2)
Elective (Humanities or Philosophy)

Senior Year

Thermodynamics
Mechanics of Materials
Engineering Seminar
Engineering Comprehensive Course
and Examination
Engineering Electives (2)
Electives (4 semester courses)

The above arrangement is by no means a set pattern. Every attempt is made to fit the course selection to the student's needs and at the same time fulfill the departmental and College requirements. Engineering students at Haverford have at least nine electives beyond the "limited electives" (CF. p. 37) for further study in Engineering, Mathematics, Science or liberal arts courses; thus assuring a greater breadth in addition to a thorough grounding in the fundamentals.

Major Requirements

Engineering 11, 12, 21, 22, 33, 34, 41, 42, 100, and a Departmental seminar in which each Junior presents one paper, each Senior two papers on investigations of some engineering topic. Mathematics 21, 22, Physics 13, 14 and two half-year courses in Chemistry. The problems of the comprehensive examination are comparable to those of state examinations for a professional engineers' license.

Courses in Mathematics, Physics and Chemistry will be considered preliminary courses as defined on page 39.

11. PRINCIPLES OF ENGINEERING DRAWING AND SHOP METHODS—

Three laboratory periods a week. Mr. Hetzel and Mr. Wilson.

Two laboratory periods a week of instruction in the methods and conventions of engineering drawing and sketching; the use of instruments; orthographic, isometric, oblique and perspective drawings; intersections and developments; dimensioning. One period a week is spent in the shop working on metal-working machine tools. Two inspection trips to local industries.

12. **ENGINEERING DRAWING, SURVEYING, AND SHOP METHODS**—*Three laboratory periods a week.* Mr. Hetzel and Mr. Wilson.

Two laboratory periods a week of drawing and surveying: detail and assembly drawings; problems in descriptive geometry of lines and planes; a study of uniform and logarithmic graphs and of nomographs; solution of typical engineering problems; eight field exercises in plane surveying; surveying computations, drawing and mapping. One period a week is spent in the shop, machine-tool work on lathe, shaper and milling machine. Inspection trips. Prerequisite: *Engineering 11*.

21. **KINEMATICS OF MACHINES**—*One class period and two laboratory periods a week.* Mr. Holmes.

This course is an introduction to the understanding of machinery through the analysis of displacement and velocity in linkages and other mechanisms by means of diagrams and centros, the design of cams, belts and chains, gears and gear trains and other devices for the transmission of motion. Prerequisite: *Engineering 11* or consent of the instructor.

22. **ANALYTICAL MECHANICS**—Mr. Holmes.

A study of forces and moments of forces; determination of forces in trusses and cranes; centroids and center of gravity; rectilinear and curvilinear motion; translation and rotation of bodies; work, power, and energy; impulse and momentum; balancing and moments of inertia. Prerequisite or parallel course: *Mathematics 21, 22*.

33. **ELEMENTS OF ELECTRICAL ENGINEERING**—*Four hours, including one laboratory period a week.* Mr. Hetzel and Mr. Wilson.

Electrical and magnetic circuits, electrical measurements, theory and performance of direct-current machinery and distribution systems are studied by text assignments and problems, lecture and class discussion, and laboratory experiments. Prerequisite: *Physics 13, 14, Mathematics 21, 22*.

34. **ELEMENTS OF ELECTRICAL ENGINEERING**—*Four hours, including one laboratory period a week.* Mr. Hetzel and Mr. Wilson.

This course deals with alternating-current circuits and machinery: single phase and polyphase circuits, transformers, generators, motors, transmission and distribution systems, instruments, control systems, and an introduction to electronics. Prerequisite: *Engineering 33*.

41. **MECHANICS OF MATERIALS**—*Two class periods and one laboratory period a week.* Mr. Holmes.

A study of stress and strain, beams and columns, shafting, girders, combined stresses, etc. Inspection trips. Text: Singer, *Strength of Materials*. Prerequisite: *Mathematics 21, 22 and Engineering 22*.

42. **THERMODYNAMICS**—Mr. Holmes.

Energy, gas laws, vapors; mixtures of gases and vapors; theoretical and actual thermodynamic cycles for power and refrigeration. Text: *Engineering Thermodynamics* by Doolittle and Zerban. Not open for Freshmen and Sophomores. Prerequisite: *Physics 13, 14*.

63, 64. **ELECTRONICS**—(See Physics 63, 64.)

81, 82. **SPECIAL PROJECTS**

Required of candidates for High and Highest Honors in Engineering but open to all students with the necessary prerequisites after consultation with the Instructor. Students in Engineering are encouraged to do individual work in some special field of investigation.

The following fields of study are suggested:

FLUID MECHANICS. Mr. Holmes.

Prerequisite: *Mathematics 21, 22* and *Physics 13, 14*.

DESIGN OF MACHINE ELEMENTS. Mr. Holmes.

Prerequisite: *Mathematics 21, 22, Engineering 22, 41*.

INTERNAL COMBUSTION ENGINES. Mr. Hetzel.

Prerequisite: *Physics 13, 14*.

English

THE ENGLISH DEPARTMENT offers the opportunity to study significant formulations of the human spirit in the English language, and to do critical and creative writing.

Many students who choose to major in English intend to pursue some aspect of the subject professionally: to proceed to graduate school, to teach literature, or to undertake a literary career. The program of the Department provides preliminary education for all these purposes. The study of English literature is recommended likewise to those students who wish to acquire a knowledge of their literary heritage, or to gain an acquaintance with the use of the English language, before entering a non-literary profession, such as law, government service, the ministry, medicine, or business. The Department welcomes such students.

English 11-12 is required of all Freshmen in the college; this course, or its equivalent, is a prerequisite to all further work in the Department. English 11-12 provides tutorial instruction in writing and an introduction to the study of literature.

Students who have difficulty in expressing themselves orally are recommended to take work in public speaking. The attention of slow readers is called to the remedial work in reading.

Courses 20, 21, 22, 25, 26, 29 and 37 are open to all students in the college who have met the prerequisites.

Other courses are designed primarily for students intending to major, or

already majoring, in English or closely related fields. They are open to other students only by permission of the instructor concerned. A central sequence of courses is arranged for students majoring in English. It consists of 23 (Renaissance) and 24 (Seventeenth Century) normally to be taken in the Sophomore year, and 31 (Eighteenth Century) and 32 (Nineteenth Century) normally to be taken in the Junior year. Courses numbered in the 60's are seminar courses, in most cases based on earlier work in the period; courses numbered in the 80's are devoted to individual projects, requiring a general knowledge of the field in which the project is undertaken.

Major Requirements

Students who plan to proceed to graduate work after college are reminded that a knowledge of Latin is required by most graduate schools for the Ph.D. degree in English.

Three semester courses from the following: Renaissance (old 34 or new 23), Seventeenth Century (old 81 or new 24), Eighteenth Century (old 35 or new 31), Nineteenth Century (old 31 and 32 or new 32). Two other English courses chosen in consultation with the chairman of the department. Two courses numbered in the 60's (or one in the 60's and one in the 80's). English 100. Eight semester courses in all.

The Comprehensive Examination in English will require a knowledge of the four major periods of English literature as provided in courses 23, 24, 31 and 32. Supporting material may be chosen from Chaucer (64), Shakespeare (33 and 62), American literature (25 and 26) and Twentieth Century (35 and 36).

- 11-12. READING AND WRITING ON HUMAN VALUES—Messrs. Ashmead, Friedrich, Lester, Quinn, Rose, Satterthwaite, and Woodroffe.

Tutorial instruction in writing. Readings in the Humanities, centered on values in Western Civilization. Weekly writing, based on reading program. Two class meetings and one tutorial meeting weekly.

20. THE ENGLISH BIBLE—Mr. Flight.
(See *Biblical Literature* 20.)

21. GENERAL COURSE IN ENGLISH LITERATURE—Mr. Satterthwaite.
Major figures in English Literature from Chaucer to Milton (including Shakespeare). Intended primarily for students who do not expect to major in literature.

22. GENERAL COURSE IN ENGLISH LITERATURE—Mr. Satterthwaite.
Major figures in English Literature from Swift to Eliot. Intended primarily for students who do not expect to major in literature.

23. LITERATURE OF THE ENGLISH RENAISSANCE—Mr. Sargent, Mr. Woodroffe.

A critical study of poetry, prose and drama from Wyatt to Jonson, with brief attention to Shakespeare. The first in a sequence of period courses designed primarily for students intending to major in literature. Enrollment limited.

24. LITERATURE OF THE SEVENTEENTH CENTURY—Mr. Quinn, Mr. Wood-
roffe.
A study of English literature from the metaphysical poets to Dryden, including Milton. The second of the sequence designed primarily for those intending to major in literature. Enrollment limited.
25. AMERICAN LITERATURE TO WHITMAN—Mr. Friedrich.
Chiefly devoted to Poe, Hawthorne, Melville; Emerson, Thoreau, Whitman.
26. AMERICAN LITERATURE FROM WHITMAN TO DREISER—Mr. Friedrich.
Chiefly devoted to Whitman, Dickinson, Lanier; Twain, Howells, James; Melville, Crane, Dreiser.
29. GREEK LITERATURE IN ENGLISH—Mr. Post.
(See *Greek* 29.)
31. LITERATURE OF THE EIGHTEENTH CENTURY—Mr. Ashmead.
A study of the major literary works of the neo-classic and early romantic movements, from Defoe to Wordsworth and Coleridge. Prerequisite: *English* 24, or consent of the instructor.
32. LITERATURE OF THE NINETEENTH CENTURY—Mr. Lester.
A study of major literary works of the romantic and Victorian periods, from Byron to Hardy. Prerequisite: *English* 31, or consent of the instructor.
33. SHAKESPEARE—Mr. Sargent.
Extensive reading in Shakespeare's plays. Designed primarily for students majoring in literature. Prerequisite: *English* 21, 22, 23, or 24, or consent of the instructor. Enrollment limited.
35. BRITISH LITERATURE OF THE TWENTIETH CENTURY—Mr. Quinn.
Selected writers in poetry, prose and drama. Prerequisite: Two courses in *English* beyond 11-12.
36. AMERICAN LITERATURE OF THE TWENTIETH CENTURY—Mr. Ashmead.
Selected writers in poetry, prose and drama. Prerequisite: Two courses in *English* beyond 11-12.
37. CREATIVE WRITING—Mr. Sargent.
Practice in writing imaginative literature. Chiefly confined to prose fiction. Regular assignments, class discussions and personal conferences. Prerequisite: Junior standing. May be repeated for credit.
61. SPECIAL TOPICS IN NINETEENTH-CENTURY LITERATURE—Mr. Lester.
Seminar discussions and independent critical studies. Prerequisite: *English* 32 and consent of the instructor. Seminar. Limited to nine students. Priority to Senior English majors.

62. TOPICS IN SHAKESPEARE—Mr. Sargent.

Close study of a few plays. Seminar. Prerequisite: *English* 23 or 33 or consent of the instructor. Priority to Senior English majors.

64. CHAUCER AND THE CHAUCERIANS—Mr. Quinn.

A study of the *Canterbury Tales*, *Troilus and Criseyde*, Chaucer's prose, and the work of Henryson and Dunbar. Prerequisite: Senior standing and consent of the instructor. Seminar. Limited to nine students.

81. PROJECTS IN AMERICAN LITERATURE—Mr. Ashmead.

Chiefly devoted to American Literature of the Eighteenth and Nineteenth centuries. Students must draw up their projects in consultation with the instructor. Recommended for students who are candidates for Final Honors. Prerequisite: *English* 25, 26 or 36, or consent of the instructor. Limited to nine students. Priority to Senior English majors.

82. PROJECTS IN RENAISSANCE OR CONTEMPORARY LITERATURE—Mr. Sargent.

Projects may be undertaken in the literature of Shakespeare's Age, or in modern British or American literature, but they must be drawn up in consultation with the instructor. Recommended for students who are candidates for Final Honors. Prerequisite: One of the following: *English* 23, 31, 33, 35, or 36, or consent of the instructor. Limited to nine students. Priority to Senior English majors.

French

(See Romance Languages)

General Courses

EAST ASIAN STUDIES 31-32. MODERN HISTORY OF EAST ASIA—Mr. Borton.

A study of the international, political, social, and economic developments in Eastern Asia, from the early part of the 18th century to the present. Special emphasis will be given to a comparison of the processes of modernization of China, Korea, and Japan.

HUMANITIES 21-22. INTERPRETATION OF LIFE IN WESTERN LITERATURE—

Mr. Gutwirth, Mr. Rose, Mr. Shaw, and Mr. Woodroffe.

A study in their entirety of selected literary works which are great imaginative presentations of attitudes toward life. The class spans Western culture from Homer to the present, and the readings are drawn from all the major literatures of the West, in the best available translations. Stress is laid on student involvement in issues raised by these books; consequently, the class work is handled entirely by the discussion method. Prerequisite: *English 11-12*; Sophomore standing.

PHYSICAL SCIENCE 31. INTERATOMIC AND INTERMOLECULAR FORCES—

Mr. Green.

This course deals with the quantum mechanical explanation of chemical bonding, its ionic, covalent, and metallic character as well as its steric properties. The course also deals with the forces between molecules, and this discussion leads on the one hand to some explanation of the properties of gases, liquids, and solids and on the other to certain speculations in the biological field. Prerequisite: *Mathematics 22*, *Physics 14* and *Chemistry 14*; or the consent of the instructor.

Offered in 1957-58.

PHYSICAL SCIENCE 36. HISTORY AND PHILOSOPHY OF SCIENCE—Mr. Green.

(Also called Philosophy 36.)

This course is designed for the non-science major and the science major alike. The rise of modern science is discussed against the background of 16th and 17th century thought. The history of mechanics is carried forward to the relativity theory, and the history of optics and atomic structure leads to the quantum mechanics. The development of our ideas as to the nature of science is described and the implications of the relativity of space and time, the indeterminacy principle, and complementarity are discussed. Prerequisite: the consent of the instructor, or a year of college mathematics.

German

THE MAIN OBJECTIVE of the German courses is twofold: 1) the acquisition of the language; 2) the study of the literature and civilization of which it is the medium. The courses are planned and conducted with the aim of enabling the individual student to fulfill most effectively his prospective needs. Hence provision is made for acquiring a practical speaking knowledge of the language as well as the ability to read it for undergraduate and post-graduate research, for which in many fields it is indispensable. An apprecia-

tion of German literature from the Middle Ages to the Contemporary Period is offered in a relatively wide range of courses.

German 11-12, 13-14, and 24 are primarily language courses. German 15 stresses literature, but combines this with practice in the language. The remaining courses are devoted largely to the history of German literature from the earliest times to the present, and to the intensive study of special periods and eminent authors.

The collateral reading required in German 13-14 generally consists of works of literature but it may be done in the fields of philosophy or history or, at the discretion of the instructor, in the natural sciences.

Opportunity is given to students who complete German 11-12 or German 13-14 with distinction to advance rapidly into higher courses by passing a special examination on a prescribed program of collateral reading.

It is possible and in some cases highly desirable for a Major in German or a student otherwise interested in advanced work to take his Junior year abroad in a supervised Junior year program. Attention also is called to the opportunities offered by university summer schools in Germany, Austria and Switzerland, and to international seminars and work camps sponsored by the American Friends Service Committee and other organizations in these countries.

Major Requirements

German 21-22, 24, 31 (or 32), 33, and 100.

Supporting courses to be arranged in conference with the Major Supervisor.

A comprehensive examination covering: 1. The German language; 2. History of the German language; 3. German literature; 4. German history, 800-1945; and 5. A special period, literary movement, or author.

11-12. ELEMENTARY GERMAN—Mr. Pfund, Mr. Cary, and Mr. Kühn.

Grammar, conversation and the reading of simple texts.

13-14. INTERMEDIATE GERMAN—Mr. Pfund and Mr. Cary.

Texts of moderate difficulty but of value as literature or as contributions to the history of ideas are read both in class and as outside work. The ability to understand spoken German and to engage in simple conversation is stressed. One hour a week is devoted to grammar review and composition. Prerequisite: *German 11-12* or the equivalent.

15. INTRODUCTION TO GERMAN LITERATURE—Mr. Cary.

A selection of readings in German literature from the age of Goethe to the contemporary period. One hour a week is devoted to composition and conversation based on the reading and on various phases of German culture. Prerequisite: *German 13-14* or the equivalent.

21-22. THE AGE OF GOETHE—Mr. Pfund.

Lectures and discussions on, and readings of, the chief works of Goethe (exclusive of *Faust*), Schiller, and certain of their contemporaries with a view to an understanding of the periods of Enlightenment, Storm and Stress, Classicism, and the beginnings of Romanticism. Emphasis upon literary and aesthetic appreciation and cultural backgrounds. Prerequisite: *German 15* or the equivalent.

Offered in 1957-58.

24. ADVANCED COMPOSITION AND CONVERSATION—Mr. Pfund or Mr. Cary.

The acquisition of an idiomatic command of the language in writing and speaking is stressed. Works of contemporary writers such as Thomas Mann, Hesse, Kafka, Wiechert and Bergengruen form the basis of discussion. Prerequisite: *German 15* or the equivalent.

Offered in 1957-58.

31. GERMAN ROMANTICISM—Mr. Cary.

A study of the Romantic movement in Germany and its relations to English and French Romanticism. Prerequisite: *German 15* or the equivalent. Seminar in part. Not offered in 1957-58.

32. NINETEENTH CENTURY LITERATURE—Mr. Cary.

Dramas and Novellen by selected writers from Büchner to Hauptmann. Prerequisite: *German 15* or the equivalent.

Offered in 1957-58.

33. HISTORY OF GERMAN LITERATURE FROM ITS ORIGINS TO THE SEVENTEENTH CENTURY—Mr. Pfund.

Lectures in German, with collateral reading in modern German of the *Nibelungenlied*, Hartmann von Aue, Wolfram von Eschenbach, Gottfried von Strassburg, and others. Discussion, written and oral reports. Prerequisite: *German 15* or the equivalent.

Offered in 1957-58.

36. GERMAN LYRIC POETRY—Mr. Pfund.

Lyricists from Walther von der Vogelweide to contemporary poets are read and discussed with emphasis on Goethe, Hölderlin, the Romanticists, Mörike, George, Hofmannsthal and Rilke. Prerequisite: At least one course beyond *German 15*. Not offered in 1957-58.

37. FAUST—Mr. Pfund.

An intensive study of Goethe's *Faust* in the original. Consideration is given to kindred works in European literature. Prerequisite: At least one course beyond *German 15*.

Not offered in 1957-58.

38. MODERN GERMAN LITERATURE—Mr. Maass.

A critical analysis and aesthetic evaluation of representative works of Thomas Mann, Kafka, Rilke, Werfel and others. Lectures, discussions and one term

paper. The course will be conducted in English. Admission by permission of the instructor or the Chairman of the Department.

Not offered in 1957-58.

81 or 82. Mr. Pfund and Mr. Cary.

Individual work in various fields of German culture, such as literary theory, Baroque literature and contemporary literature. Prerequisite: At least one course beyond *German 15*. May be repeated for credit with change of content.

Greek

THE WORK in Greek can be modified to suit the needs of individual students. The elementary course provides some insight into the culture of the ancient Greeks, and into linguistic problems generally, besides leading to a knowledge of Greek adequate for the reading of the Gospels and of easy classical authors. More advanced courses are intended for students with an interest in history, philosophy, or literature; the authors read are studied for their value in these fields. Students are encouraged, to the extent of their capacity, to develop an imaginative understanding of art, philosophy, and science as forces in human life. The special contribution of the Greeks in these fields will be assessed and its significance in European history and in current education will be noted. A knowledge of Greek is a great asset in many fields of graduate study.

Major Requirements

Greek 31, 32, and four half-year courses selected in consultation with the Major Supervisor; Greek 100.

Three additional courses to be arranged in conference with the Major Supervisor. If Greek 21, 22 is not taken in college, an additional half-course will be required.

A comprehensive examination on Greek language and literature, Greek history, and Greek civilization.

11-12. ELEMENTARY GREEK.—Mr. Post.

Thorough study of the elements of the language followed by the reading of simple prose. This course should be taken in the Freshman year, if possible.

21, 22. INTERMEDIATE GREEK—Mr. Post.

A rapid reading course in such authors as Homer, Euripides, and Plato. Prerequisite: *Greek 11-12* or the equivalent.

29. GREEK LITERATURE IN ENGLISH—Mr. Post.

(Also called *English 29*.)

Lectures on Greek literature. Reading of Greek poetry, drama, and literary criticism in translation. Essays and discussions. No knowledge of Greek is required in this course, but a general acquaintance with English literature is essential. Prerequisite: Sophomore standing.

Not offered in 1957-58.

31, 32. ADVANCED GREEK—Mr. Post.

Selections from Thucydides, Menander, Aristophanes, and the tragedians are read. Prerequisite: *Greek 21, 22.*

61, 62. ADVANCED GREEK—Mr. Post.

The instructor will arrange with students electing this course a systematic study of special subjects in Greek philosophy, history, literature, or composition in connection with the reading of Greek authors. May be repeated for credit with change of content. Prerequisite: *Greek 31, 32.*

History

THE COURSES IN HISTORY are designed to give some conception of the development of the civilizations which exist in Europe and in the United States today. Since history is the story of what men have done, it is related to every other field in the curriculum, but the limitation of time forces a selection of those aspects of human activity which can be treated in any course. An attempt is made to give a reasonably rounded view of those developments which are deemed most important in the period under consideration as a background for understanding other subjects in the fields of the humanities and the social sciences. With a variation of emphasis in each course, caused in part by the nature of the growth of civilization in the period and in part by the amount and the kind of historical evidence which has survived, attention is given to such phases of development as the political, constitutional, social, economic, religious, and intellectual. History 11-12 is intended to be an introductory course, and, although it is not a prerequisite for the election of any other course in the Department, it is required for those who major in History.

The study of history provides a background against which current problems of internal and external policies may be viewed to advantage. It also helps to develop critical standards for the evaluation of evidence which can often be applied in forming opinion with regard to the solution of such problems. Finally, it is useful as a foundation for professional studies not only in history but also in such subjects as public administration, journalism, and law.

Major Requirements

HISTORY

History 11-12 and four other full year courses (or three full year courses and two half year courses) in History; History 100.

Two full year courses or their equivalent in related departments.

Written examinations of three hours each in four fields.

HISTORY AND LITERATURE

The major in History and Literature allows qualified students to obtain a knowledge of the relation between History and Literature in two distinct periods or centuries.

A student should take six semester courses in English and American Literature, and six in English and American History above the elementary level. Of these courses, one in each department (History and English) should be a seminar or project course.

Students may enter this major program only by consent of the departmental chairmen and the Dean. History 11-12 is a prerequisite for this major.

11-12. INTRODUCTION TO WESTERN CIVILIZATION—Mr. MacCaffrey.

A study of Western European civilization from the fall of Rome to the present. The course will be concerned with the development of major political, social, and economic institutions from feudalism to the modern state, with the history of Latin Christianity in its various forms, and with the major intellectual currents in Western European history. Firsthand materials as well as secondary historical accounts will be the basis for conference discussion. Open to Freshmen and Sophomores.

21-22. FOUNDATIONS OF THE UNITED STATES, 1492-1865—Mrs. Scott.

Lectures, reading, and discussion in American colonial and early national history. Not open to Freshmen.

23-24. MEDIEVAL HISTORY—Mr. MacCaffrey.

A survey of European development from the fall of Rome to about 1500. Occasional lectures, extensive reading, papers and discussion, with a final examination. Admission by permission of instructor.

Offered in 1957-58 and alternate years.

25-26. MODERN EUROPEAN HISTORY—Mr. MacCaffrey.

The main currents of European institutional and intellectual developments since about 1500. Class discussion with occasional lectures, frequent papers. Admission by permission of instructor.

To be offered in 1958-59 and alternate years.

27. GREEK HISTORY—Mr. H. Comfort.

A survey of Greek history to 323 B.C., with reports on the art, archaeology, and political institutions of Greece. No knowledge of the Greek language is required. Prerequisite: Sophomore standing.

Offered in 1957-58 and alternate years.

28. ANCIENT HISTORY OF THE NEAR EAST—Mr. Flight.

(See *Biblical Literature* 28.)

29-30. ROMAN HISTORY—Mr. H. Comfort.

(Also called *Latin* 29-30.)

A survey of Hellenistic and Roman history, with readings among the Latin authors in translation, and occasional reports. No knowledge of the Latin language is required. Prerequisite: Sophomore standing.

To be offered in 1958-59 and in alternate years.

31-32. NATIONAL DEVELOPMENT OF THE UNITED STATES, 1865 TO THE PRESENT—Mrs. Scott.

A study of institutional growth, with the larger social and political issues of the present considered in their historical setting. A lecture, reading, and discussion course, intended primarily for Juniors and Seniors.

33-34. THE POLITICAL AND CONSTITUTIONAL HISTORY OF MEDIEVAL ENGLAND—Mr. MacCaffrey.

A survey of British historical development from the coming of the Anglo-Saxons to the end of the Middle Ages. Although primarily political and constitutional, the course will include consideration of major economic and social trends as well. Extensive reading both in sources and secondary works will form the basis for conference discussion. Open to Juniors and Seniors.

To be offered in 1958-59 and alternate years.

35-36. THE POLITICAL AND CONSTITUTIONAL HISTORY OF MODERN BRITAIN—Mr. MacCaffrey.

A study of British history from the end of the Middle Ages to the present. Economic, social, and intellectual development will be included. The development of the British Empire since 1783 will also be included. Extensive reading with frequent papers and class discussion. Open to Juniors and Seniors.

Offered in 1957-58 and alternate years.

41-42. READING COURSE IN AMERICAN HISTORY, 1492 TO THE PRESENT—Mr. Drake.

Systematic reading and an examination in American History. Not open to students who have had History 21-22 or History 31-32; open to Juniors and Seniors with the permission of the instructor.

Not offered in 1957-58.

81, 82. PROJECT COURSES IN HISTORY—Mr. MacCaffrey and Mrs. Scott.

History of Art

UNDER the co-operative arrangement between the Colleges, Haverford students who wish to take advanced courses in History of Art may do so at Bryn Mawr College. The introductory course is given at Haverford.

21-22. INTRODUCTION TO THE HISTORY OF ART—Mr. Bernheimer.

This course deals with the history of Western art from its beginning in ancient Greece to modern times, with emphasis upon the Christian periods. It is conceived as a history of human values in terms of the visual forms in which they have been cast. The course parallels *Humanities 21-22*. In order to bring out the human significance of art, religious and philosophical ideas are discussed as they influenced the form and subject matter of art.

An introductory section deals with aesthetic principles and their application in the fields of painting, sculpture, and architecture. The purpose of the course is threefold: to widen the student's comprehension of past attitudes and beliefs so that he will be better able to understand his own; to enlarge his range of aesthetic appreciation; and to give him the technical knowledge required for further studies in the history of art. Not open to Freshmen.

Latin

THE LATIN DEPARTMENT offers instruction in the language, literature and civilization of the Roman people. Knowledge of the Latin language is fundamental to an understanding and proper use of the English and Romance languages; familiarity with the Latin classics is an indispensable background for the Western European literary tradition; and the history and civilization of Rome provide an explanation of, and parallels to, many pressing contemporary political, economic, social, and religious problems.

Principal emphasis is laid upon meeting the Roman legacy through the medium of the Latin language; but for those whose knowledge of Latin is too limited for this purpose, Latin 29-30 offers an opportunity to do so from the historical approach.

Major Requirements

Four full-year courses (except Latin 11-12), some of which may be taken at Bryn Mawr College; Latin 100. The Latin Department reserves the right to exclude Latin 13-14, in individual cases, from consideration as fulfilling a part of the Major requirements.

Four additional semesters in other departments, to be arranged in conference between the student and the Major Supervisor.

A written comprehensive examination. Candidates for Honors must pass an oral examination also.

11-12. ELEMENTARY LATIN—Mr. H. Comfort.

A rapid introduction to basic Latin grammar and vocabulary, leading to the reading of Catullus or some other classic Latin author.

Offered annually upon sufficient demand.

13-14. LATIN LITERATURE—Mr. H. Comfort.

For students offering two or three years of preparatory Latin. Review of grammar and vocabulary; reading in Vergil and other authors.

15, 16. LATIN LITERATURE—Mr. H. Comfort.

For students offering *Latin 13-14* or four years of preparatory Latin. Reading of Roman comedy, and of authors of the Republic and the Augustan Age.

23, 24. INDIVIDUAL TOPICS IN LATIN LITERATURE—Mr. H. Comfort.

Systematic study of one or more aspects of Latin literature and Roman life. Prerequisites at the discretion of the Latin Department. May be repeated for credit with change of content.

Offered annually, either semester.

29-30. ROMAN HISTORY—Mr. H. Comfort.

(Also called *History 29-30*.)

A survey of Hellenistic and Roman history, with readings among the Latin authors in translation, and occasional reports. No knowledge of the Latin language is required. Prerequisite: Sophomore standing.

To be offered in 1958-59 and in alternate years.

Mathematics

THE AIMS of courses in Mathematics are: (1) to promote rigorous thinking by exhibiting a systematic, deductive, intellectual discipline; (2) to explain the role which Mathematics has played in the development of the culture of our age; (3) to foster technical competence in Mathematics as an aid to the better comprehension of the physical, biological, and social sciences.

Freshman Mathematics emphasizes mathematical ideas rather than techniques of computation. It is designed as a terminal course for the non-specialist who plans to take only one year of Mathematics as well as the beginning course prerequisite to further work in the Department.

The more advanced courses cover work in the fields of analysis, algebra, geometry, and statistics. The student majoring in the Department extends his studies into all of these areas; he may prepare for teaching in preparatory school, for graduate study leading to college teaching or industrial research, or for statistical and actuarial work.

The sequence in analysis and algebra, Mathematics 21, 22, 31, 32, 33, 34,

63, is especially suited to the needs of the physical sciences, while Mathematics 14 and 38 deal with those concepts of statistics and probability which are fundamental to the biological and social sciences.

Major Requirements

Mathematics 11, 16, 21, 22, 31, 32, 33, 34, 35, 40, 63, 82 and 100.

Recommended collateral courses are Physics 13, 14, 28, 41, 42; Astronomy 45, 46, or for prospective Actuaries, Economics 21, 22, 37.

Prescribed parallel reading on the history and general principles of mathematics. Three written comprehensive examinations, each three hours in length. An oral examination will be required for Final Honors.

It is recommended that facility in reading French and German be acquired as early in the college course as possible.

11, 12. FRESHMAN MATHEMATICS—Mr. Duttenhofer, Mr. Oakley and Mr. Wisner.

An introductory course designed to present the fundamental concepts of modern Mathematics and to give numerous applications of these concepts to practical problems in the natural and social sciences. Topics included are: logic and the nature of mathematical proof, the number system, trigonometry, functions and graphs, plane analytic geometry, and elementary calculus. Students will be placed in sections according to their mathematical background and interests.

14. INTRODUCTION TO STATISTICS—Mr. Oakley and Mr. Wisner.

Tabular and graphic methods, frequency distributions, measures of central tendency, dispersion and correlation, tests of significance, index numbers and time series. Lectures and computing laboratory. Prerequisite: *Mathematics 11*.

16. FRESHMAN MATHEMATICS—Mr. Duttenhofer, Mr. Oakley and Mr. Wisner.

An introductory course which presents a more extensive treatment of elementary calculus than that given in Mathematics 12. Prerequisite: *Mathematics 11* and consent of the instructor.

21, 22. CALCULUS—Mr. Oakley.

Differential and integral calculus, with applications. Prerequisite: *Mathematics 16* or consent of the instructor.

31. DIFFERENTIAL EQUATIONS—Mr. Wisner.

Methods of solution of the standard types of ordinary differential equations with applications to problems in physical science. Prerequisite: *Mathematics 21, 22*.

32. ADVANCED CALCULUS—Mr. Oakley.

Advanced topics in calculus, including infinite series, special functions, partial derivatives, Jacobians, line integrals, and Stokes' Theorem. Prerequisite: *Mathematics 21, 22*.

33. MODERN ALGEBRA—Mr. Wisner.
Introduction to modern abstract algebra, including groups, rings, fields, and vector spaces. Prerequisite: *Mathematics 21, 22*.
Offered in 1958-59 and alternate years.
34. MODERN ALGEBRA—Mr. Wisner.
Modern abstract algebra, including linear transformation and matrix theory. Prerequisite: *Mathematics 21, 22, 33*.
Offered in 1958-59 and alternate years.
35. GEOMETRY—Mr. Wisner.
Elementary topology, n -dimensional vector spaces and linear transformations, non-Euclidean geometry. Prerequisite: *Mathematics 21, 22*.
Offered in 1957-58 and alternate years.
38. MATHEMATICAL STATISTICS—Mr. Oakley.
Theoretical presentation of the mathematical background of elementary statistics and probability. Prerequisite: *Mathematics 21, 22, 14*.
Offered in 1958-59 and alternate years.
40. GEOMETRY—Mr. Wisner.
Affine, projective and Euclidean geometries and their postulational development. Prerequisite: *Mathematics 21, 22, 35*.
Offered in 1957-58 and alternate years.
41. CLASSICAL FIELD PROBLEMS OF MATHEMATICAL PHYSICS—Mr. Green.
(Also called Physics 41).
Vector and tensor methods are employed to show the underlying mathematical similarities of field problems in gravitation, hydrodynamics, transport phenomena, and hydromagnetics. Prerequisite: *Physics 13-14*.
Mathematics 31 must be taken previously or concurrently.
Offered in 1957-58.
42. BOUNDARY VALUE PROBLEMS OF MATHEMATICAL PHYSICS—Mr. Green.
(Also called Physics 42).
Expansions in orthogonal functions, perturbation theory, calculus of variations, and integral transforms are employed to solve boundary value problems in heat conduction, acoustics, optics, and electromagnetic theory. Prerequisite: *Mathematics 31; Physics 13-14*.
Offered in 1957-58.
63. INTRODUCTION TO ANALYSIS—Mr. Oakley.
Rigorous treatment of fundamental ideas in analysis; real and complex numbers, functions, limits, continuity, differentiation, and integration. Applications to Fourier Series and differential equations. Prerequisite: *Mathematics 31, 32*.

81 or 82. SPECIAL TOPICS—Philips' visitors and members of the Department.

Project courses involving wide reading in the literature, and presentation of papers for group discussion. The content varies from year to year to suit the needs of advanced students. The course may be repeated for credit with change of content.

Music

THE COURSES offered in Music have as their objective (1) the stimulation of the creative energies of the student through musical composition, and (2) the development of an understanding of music through the study of history and important writings on musical subjects, as well as through the analysis of musical compositions from all periods. In furthering and strengthening the discipline of music the College has no intention of training musicians by conservatory methods. The intention is rather to form enlightened workers in the field of music. Experience has shown that students in the fields of composition and musicology can be effectively aided by the joint offerings of Haverford, Bryn Mawr, and the University of Pennsylvania. At Haverford the program seeks to stimulate free composition in the vocal and instrumental forms with a view to public performance by professionals of successfully completed works.

The College does not grant academic credit for training in voice, or the playing of instruments.

Major Requirements

Three full year courses in music and six semester courses or their equivalent from such related fields of the Humanities, History of Art, Languages and Science as may be approved by the Department.

The Major comprehensive examination will consist of:

1. An examination in the history of music.
2. The presentation by the candidate of a musical composition in one of the larger instrumental forms, or a vocal work. In cases where the candidate has not been sufficiently trained in musical composition, the examination may be confined to music history. In such cases the candidate's work is expected to be at a high musicological level.
3. A small composition to be completed during the examination period.

11, 12. INTRODUCTION TO MUSIC HISTORY—Mr. Reese.

A course designed to present a survey of the literature of music and to examine significant trends and art forms during the history of music. It aims to acquaint the student more particularly with representative works from successive periods of music and to quicken his perception of musical styles, thereby furnishing a basis for a growing and lasting interest in music. No prerequisite. Open to all students for the entire year or one semester.

Students may begin this course in either semester.

21-22. ELEMENTARY MUSIC THEORY AND COMPOSITION—Mr. Swan.

This course deals with the general foundations of the musical language—scales, intervals, formation of melodic patterns and their notation. Students will be expected to work on their own melodies applying the vertical or horizontal method. (three part harmony or counterpoint). Simple exercises will lead to the construction of short works scored for voices or instruments which, if successful, will be given a public performance.

Eligible for this course are either those who have already taken Music 11-12, or those who, though they have had no formal instruction in music theory, have some practical experience of the rudiments of music, such as note-values, clefs, time-signatures etc. Since the instruction is largely individual, students will proceed at their own level.

31-32. SEMINAR IN MODERN MUSIC—Mr. Swan.

This seminar is conducted jointly with Swarthmore College. Historical forms of music, such as the sonata, are projected from their beginnings into Modern Music, and their use by contemporary composers illustrated. Whenever possible the students are encouraged to tackle source material and present reports on figures and works of the 20th century.

82. PROJECT IN MUSICAL COMPOSITION—Mr. Swan.

Philosophy

THE COURSES in Philosophy are intended first of all to acquaint students with the major currents of interpretation and reflection upon the recurring problems, such as the nature of man, the nature of the universe, the nature of the processes by which man apprehends and responds to that universe. Since these problems underlie the work of literature and furnish it with many of its most basic themes; since they underlie the presuppositions of political, sociological, and economic thought; since they reappear in the frame in which every thoughtful scientist works and affect not only the use to which his results will be put, but his very method, just as his methods have influenced in turn the formulation of the problems, the study of philosophy is an important tool in connection with work in any of these fields.

In the second place the courses in philosophy are designed to assist in integrating material presented in literature, history, the social and natural sciences, in art, and in religion in order to assist the student in drawing together what he has learned, and in approaching a more responsible, intentional, and intelligent world view with which to confront life.

The courses are so planned as to require such orientation as would be

secured in either Philosophy 11 (which examines in an elementary way the great problems man confronts) or Philosophy 21-22 (which deals with these same problems as it presents the great classical philosophical thinkers chronologically) before proceeding to the more specialized philosophical disciplines such as ethics, aesthetics, logic, political philosophy, philosophy of science, philosophy of religion, and to more specialized studies of certain philosophical thinkers.

Major Requirements

Philosophy 12, 21-22, 63-64 and two other half year courses in Philosophy. Philosophy 100.

Four half-year courses in related fields to be arranged in conference with the Major Supervisor.

A comprehensive examination in two parts; three hours on the history of philosophy and three hours on one optional field selected from topics in philosophy since 1800, or religious thought.

11. INTRODUCTION TO PHILOSOPHY—Mr. Foss, Mr. Parker, and Mr. Veatch.

An understanding of the nature and function of philosophy and its relations to other fundamental human interests such as science, religion, and art is sought through a consideration of representative philosophical problems.

12. ETHICS—Mr. Foss and Mr. Parker

A study of (1) conflicts of ethical values involved in contemporary life; (2) certain classical ethical devices for resolving those conflicts; (3) the role of the individual and of the group in the realization of ethical values. Case material drawn from contemporary situations and from literature will be widely used. Discussions, lectures, and papers. Prerequisite: One semester-course in Philosophy.

21-22. HISTORY OF PHILOSOPHY—Mr. Foss and Mr. Parker.

A study of the development of philosophy with special reference to Plato, Aristotle, Descartes, Locke, Berkeley, Hume, Spinoza, Leibnitz, Kant, and Hegel. First-hand acquaintance with selected writings of these philosophers; reports, lectures, and class discussions. Not open to Freshmen.

23. CLASSICS OF RELIGIOUS LITERATURE—Mr. Steere.

A study which will include such books as Augustine, *Confessions*; Bernard of Clairvaux, *On Consideration*; Meister Eckhart, *Sermons*; *Little Flowers* of St. Francis of Assisi; Thomas à Kempis, *Imitation of Christ*; *Theologica Germanica*; Francis de Sales, *Introduction to the Devout Life*; Pascal, *Thoughts*; John Woolman, *Journal*; Soren Kierkegaard, *Purity of Heart*; Von Hügel, *Letters*; George Tyrell, *Autobiography*.

Not offered in 1957-58.

24. HISTORY AND PHILOSOPHY OF QUAKERISM—Mr. H. J. Cadbury.

The Quaker Movement is studied in its relation to other intellectual and religious movements of its time, particularly those found in English philosophy. The

development of the dominant Quaker conceptions is traced to the present day and critically examined. The course is designed for non-Friends as well as for Friends. Not open to Freshmen.

Offered in 1957-58.

26. AESTHETICS—Mr. Foss.

A study of the philosophical principles underlying the creative and appreciative aspects of art. Prerequisite: One semester-course in Philosophy.

Not offered in 1957-58.

27. LOGIC—Mr. Parker.

The principles of valid inference and their application to reasoning in everyday life, and in the sciences; the syllogism and other types of formal reasoning, the nature of proof, the detection of fallacies; introduction to the logic of scientific method and to contemporary developments in symbolic logic.

28. PHILOSOPHY OF RELIGION—Mr. Foss.

A study of the basic problems which the field of religion presents to a thoughtful mind. Prerequisite: One semester-course in philosophy. Not open to Freshmen. Prerequisite: *Philosophy 11* or *21-22*.

Offered in 1957-58.

29. SOME ASPECTS OF RELIGIOUS LIFE AND LITERATURE SINCE THE REFORMATION—Mr. Foss.

Luther and German Protestantism; Thomas More and the Erasmus Tradition in England; Ignatius of Loyola and the Society of Jesus; Theresa of Avila and Spanish Mysticism; George Fox and the mysticism of the Quakers; John Wesley and the Evangelical Revival; John Henry Newman and the Oxford Movement; William Temple and the ecumenical movement; Karl Barth; Rufus M. Jones and the religious situation of our time. Lectures, reports, class discussions.

Offered in 1957-58.

32. NINETEENTH CENTURY THINKERS—Mr. Steere.

Selected writings of Schopenhauer, Nietzsche, Tolstoy, and Bergson. Prerequisite: *Philosophy 11* or *21-22*.

Offered in 1957-58.

34. RECENT AND CONTEMPORARY PHILOSOPHY—Mr. Parker.

A study of some of the outstanding recent and contemporary philosophical movements in Europe and America. Prerequisite: *Philosophy 21-22*.

Offered in 1957-58.

36. HISTORY AND PHILOSOPHY OF SCIENCE—Mr. Green.

(See PHYSICAL SCIENCE 36 under General Courses)

63-64. PHILOSOPHICAL SEMINAR—Mr. Steere and Mr. Veatch.

Specialized work in some restricted field of philosophic or religious thought is undertaken, the precise subject depending upon the needs of the students and the general interests of the group. Primarily designed for Seniors majoring in Philosophy and for Graduate students. Prerequisite: *Philosophy 21-22*; Majors unless by special arrangement. Limited to ten students.

65-66. THE DEVELOPMENT OF POLITICAL THOUGHT—Mr. Steere.

A seminar course based upon the writings of selected political philosophers from Plato to the present day. Prerequisite: *Philosophy 11* or *21-22*; one semester of Political Science; otherwise by consent of the Department. Limited to sixteen students.

Not offered in 1957-58.

81, 82. PROJECT COURSES—Individual consultation; supervised independent reading and research. Mr. Steere, Mr. Foss, Mr. Parker, and Mr. Veatch.

Physical Education

COURSES in Physical Education are arranged in accordance with the plan for all-year physical training in the Freshman, Sophomore, and Junior years. The aim of this plan is to make possible active participation in athletics for the majority of students at Haverford College, with emphasis on the sports with carry-over value. Each student is required to take, during his first three years, nine terms (fall, winter, spring) of Physical Education or of certain courses in the Arts and Service Program (see p. 99), with a minimum of six terms in Physical Education; three in the Freshman year, two in the Sophomore year, and one in the Junior year.

A thorough medical and physical examination is given to each student upon entrance. Only those students whose physical condition is satisfactory will be permitted to take part in athletics. A tuberculin test is given to all Freshmen, followed by an x-ray if necessary, as part of this required examination. A swimming test is given to all entering students following the physical examination. This test must be passed by all students before graduation. Swimming instruction is given in the gymnasium pool during the early fall and late spring.

The outdoor facilities include: Walton Field for football and track, with a 440-yard oval and a 220-yard eight lane straight-away cinder track; the Class of 1888 and Merion fields for soccer, both of which are used for baseball and softball in the spring; a skating pond; Cope Field for cricket; an athletic field presented by the Class of 1916; a baseball field presented by the Class of 1922, used also for soccer in the fall; and thirteen tennis courts, three of

which are all-weather. There are two dinghies available during the spring and fall for those (with certain exceptions) who wish to sail.

Indoor facilities include the Gymnasium and the new Field House. The basement of the gymnasium contains dressing rooms, showers, lockers, a swimming pool, wrestling room and training room. Through the generosity of the Class of 1928 it has been possible to provide additional locker and dressing facilities, a new stock room, and a laundry and drying room. A regulation basketball court is on the main floor, with hand ball and badminton courts. On the upper floors are dressing facilities for officials and instructors, and department offices.

The new Field House, donated by Alumni and friends of the College, became available in 1957 and provides ideal facilities for the further development of the Athletic program. This "indoor playing field" includes a 7-lap track, with areas for field events, a dirt area 120' by 120' for outdoor events under cover, a batting cage for baseball and cricket, nets for golf, a wooden area 120' by 120' with two basketball courts, two tennis courts, and seating capacity for 1000 spectators.

Physics

COURSES in Physics are intended to acquaint students with fields of knowledge important to our civilization, to train them in analytical thinking, to give them an appreciation of scientific methods, and to help them gain first-hand experience and insight into the methods of experimental investigation. For the student with professional aims in science, the Department offers courses leading to a strong major in Physics which equips a man to enter graduate school.

Students of astronomy, experimental biology, chemistry, engineering, mathematics, medicine and other sciences will find the foundation offered by Physics 13, 14 and Physics 21 of great value. Physics 13, 14 is ordinarily taken in the Sophomore year after Freshman mathematics but Freshmen with adequate preparation in High School mathematics may be admitted after consultation with the instructor. Students who plan to major in Physics are advised to take Physics 13, 14 in their Freshman year.

Sound knowledge of mathematics is essential. Ability to understand and use the calculus is assumed in most of the advanced courses. The Department desires to cultivate in its Major students independence of thought and initiative at progressive levels of maturity; to that end, a sequence of courses following Physics 13, 14 has been arranged, culminating in Physics 81, 82. The latter offers opportunity to conduct an extended individual investigation with

training in the mastery of theory and experiment, and with emphasis upon independent work and the ability to express oneself clearly both orally and in writing on the subject of investigation. Physics 81, 82 is not, however, limited to students majoring in Physics; it may be elected by others after consultation.

Major Requirements

Physics 13, 14, 21, 28, 33-34, 81, 82, 100 and two other semester courses in Physics.

Mathematics through differential equations.

A written comprehensive examination in two parts: (a) on physics treated comprehensively; (b) on an extended, open-book problem designed to test each individual's ability to correlate his knowledge. The granting of Honors in Physics is based upon excellence (an average of 85 or better) in course work, particularly in Physics 81, 82, and evidence of accomplishment beyond the usual course requirements.

Students who desire to combine a Major in Physics with advanced work in some other related department may do so by special arrangement between the two departments concerned. In such cases a program is mapped out with some modification of the requirements normally expected of a Major in a single department.

13, 14. GENERAL PHYSICS—*Four hours, including one laboratory period a week.*

Mr. Lemonick, Mr. Benham, and Mrs. Selove.

This is the basic course for work in physics, engineering, chemistry or other sciences. Mechanics, sound, heat, electricity, and light are studied with the help of problems, laboratory experiments, lecture demonstrations, and discussion. This course is commonly taken in the Sophomore year, but qualified Freshmen are admitted after consultation. Algebra and trigonometry are essential. Prerequisite: *Mathematics 11, 12 or 16*, or consent of the instructor.

21. ATOMIC AND NUCLEAR PHYSICS—*Four hours, including one laboratory period a week.* Mrs. Selove.

A course of lectures, experiments, discussion and reading emphasizing developments in modern physics: the fundamental constants of physics, topics in relativity, low temperature and solid state physics, an introduction to quantum mechanics, optical and X-ray spectroscopy and other atomic phenomena. In addition nuclear phenomena will be discussed: nuclear reactions, accelerators and detectors of nuclear particles, nuclear models and nuclear energy. Prerequisite: *Physics 13, 14*.

25. PHYSICAL OPTICS AND ATOMIC SPECTRA. *Four hours, including one laboratory period a week.* Mr. Lemonick.

A study of the principles of physical optics illustrated by such phenomenon as interference, diffraction and polarization, and including an introduction to Maxwell's Equations. Also a treatment of spectroscopy, the study which furnishes information as to structure of atoms. Prerequisite: *Physics 13, 14*.

28. MECHANICS—Mr. Lemonick.

Analytical mechanics, treating the statics, kinematics, and dynamics of particles

and rigid bodies. Discussion and problems on the application of calculus, differential equations and vector methods to mechanical systems, including an introduction to Lagrange's equations. Prerequisite: *Physics 13, 14; Mathematics 21, 22* must be taken previously or concurrently.

33-34. ELECTRICITY AND MAGNETISM—*Four hours, including one laboratory period a week.* Mr. Benham.

A course of lectures, readings, and laboratory experiments designed to familiarize the student with precision electrical measurements. Solutions of electrostatic problems, Gauss's theorem, potential, capacitance, magnetic circuits, transient and alternating current, and the laws of the electromagnetic field, are among the topics treated. Prerequisite: *Physics 13, 14* and *Mathematics 21, 22; Mathematics 31* must be taken previously or concurrently.

41. CLASSICAL FIELD PROBLEMS OF MATHEMATICAL PHYSICS—Mr. Green.
(Also called *Mathematics 41*).

Vector and tensor methods are employed to show the underlying mathematical similarities of field problems in gravitation, hydrodynamics, transport phenomena, and hydromagnetics. Prerequisite: *Physics 13, 14*.

Mathematics 31 must be taken previously or concurrently.

Offered in 1957-58.

42. BOUNDARY VALUE PROBLEMS OF MATHEMATICAL PHYSICS—Mr. Green.
(Also called *Mathematics 42*).

Expansions in orthogonal functions, perturbation theory, calculus of variations, and integral transforms are employed to solve boundary value problems in heat conduction, acoustics, optics, and electromagnetic theory. Prerequisite: *Mathematics 31; Physics 13, 14*.

Offered in 1957-58.

43. ELECTRONICS—CIRCUIT THEORY. *Four hours, including one laboratory period.* Mr. Benham.

This course includes the study of resonant circuits, coupled circuits, filter networks and impedance matching. Laboratory experiments are designed to give the student experience in the relation of theory to practice. Prerequisite: *Physics 33-34*, or *Engineering 33-34*, or consent of instructor at spring registration.

44. ELECTRONICS—VACUUM TUBE CIRCUITS. *Four hours, including one laboratory period.* Mr. Benham.

Electron theory, study and application of vacuum tubes, and problems pertaining to design and analysis of typical circuits employing them. Prerequisite: *Physics 33-34* or *Engineering 33-34*, or consent of instructor.

45. ASTROPHYSICS. Mr. Green.

(See *Astronomy 45*)

Not offered in 1957-58.

46. ASTROPHYSICS. Mr. Green.

(See *Astronomy 46*)

Not offered in 1957-58.

48. ADVANCED NUCLEAR AND HIGH ENERGY PHYSICS—Mrs. Selove.

The physics of photons, nucleons, nuclei and elementary particles; their behavior and interactions. Students will carry out modern physics laboratory projects under supervision. Prerequisite: *Physics 21, 28, 33-34*.

81, 82. PHYSICS SEMINAR—Mr. Lemonick, Mr. Benham, and Mrs. Selove.

Individual work in selected fields of investigation. Each student pursues comprehensive reading and sustained experimental work on a problem. Weekly meetings are held with the members of the Department to discuss the progress in each field of investigation. Each student becomes familiar with problems other than his own and gains experience in presenting his own work. Students who major in Physics are expected to take two semesters, but the course is not restricted to Major students. Qualified Juniors or Seniors may, by permission, elect either one semester or two. Also, the course may be repeated for credit with change of content. The granting of Honors depends heavily upon performance in this course.

Political Science

THE POLITICAL SCIENCE CURRICULUM is designed to give students an understanding of political organization and political forces in modern society, to provide knowledge and a basis for insight and judgment on the problems involved in the relationship of the individual to government and of governments to one another. The broad areas of study include: analysis of political theory in relation to its institutional environment; comparison and appraisal of different types of governments and political organization; American political institutions; and problems of international relations.

The tools of analysis include theory and experience. The purposes and the actual workings of political institutions are appraised. In advanced courses, emphasis is placed upon individual research and analysis—practice in location, organization, and presentation of data, and independent judgment.

The courses are designed primarily for a liberal arts education and are intended to create intelligent and lasting interest and participation in the formulation of public policy. The training will also serve the practical needs of those men contemplating professional careers which involve an understanding of modern government, such as law, journalism, and the public service.

Men majoring in political science are expected to understand the relationship of this field to other social studies and also the purposes and methods of the social sciences as a whole. They are thus expected to take supporting courses in economics, history, and sociology.

Major Requirements

Political Science 11, 22, and six other courses in Political Science distributed among the areas of study indicated above.

At least four other semester courses in social sciences other than Political Science.

A comprehensive examination covering the major fields of study. The comprehensive examination includes seminar participation.

Candidates for Honors are required to submit a thesis of independent research work. Such thesis may obtain credit through Political Science 81 or 82.

11. GOVERNMENT IN THE UNITED STATES—Messrs. Muller, Reitzel, Scott, and Somers.

Democratic political theory and government will be examined in terms of the structure, administration, operative ideals, and historical development of the American political system and the Government of the United States.

22. FOREIGN GOVERNMENTS—Messrs. Muller, Scott, Reitzel, and Somers.

A comparison and analysis of modern governmental institutions and practices with reference to their theoretical foundations. Central problems of government will be examined in relation to comparative structures, administration, and operative ideals.

31. PARTIES, PRESSURES, AND PUBLIC OPINION—Mr. Somers.

A study of political parties, their organization and techniques, as an instrument of democratic government; the relationship of private associations and interest groups to the party system; the role of such associations in a democracy; and the struggle for power with relation to public opinion and theories of the public interest. Prerequisite: *Political Science 11 and 22.*

33. AMERICAN CONSTITUTIONAL DEVELOPMENT—Mr. Muller.

A study of the development of the American constitution through judicial interpretation, related to the changing political, social, and economic problems of the United States. Definitive Supreme Court cases shaping the course of American development will serve as the primary basis of study. Prerequisite: *Political Science 11 and 22.*

To be offered in 1958-59 and alternate years.

34. SOCIAL INSURANCE AND PUBLIC WELFARE—Mr. Somers.

(Also called *Economics 34* and *Sociology 34*.)

A study of the economic and political problems encountered in attempts to cope with the hazards of modern industrial society, including unemployment, disability, and old age, through systems of social security. Methods of prevention and alleviation, with particular reference to social insurance and related governmental programs and the nature of public interest in individual disaster are examined. Prerequisite: Either *Political Science 22*, *Economics 21* or *Sociology 22*.

To be offered in 1958-59 and alternate years.

38. GOVERNMENT ADMINISTRATION AND PUBLIC POLICY—Mr. Somers.
A study of administration as a central element of contemporary society with special reference to the problems involved in the decision-making process; administrative theory and process in relation to the formulation and execution of public policy. The approach is analytical rather than descriptive and based, in large measure, on case studies. Prerequisite: *Political Science 21* and *22*. Offered in 1957-58 and alternate years.
39. GOVERNMENT AND BUSINESS—Mr. Hunter.
(See *Economics 39*.)
41. THE SOVIET SYSTEM—Mr. Hunter.
(See *Economics 41*.)
51. AMERICAN FOREIGN POLICY—Mr. Reitzel.
A critical analysis of the forces which shape United States foreign policy including its objectives, methods, and consequences. Major emphasis will be placed on the preparation of project papers concerning specific contemporary issues in United States foreign policy. Prerequisite: *Political Science 22*. Offered in 1957-58 and alternate years.
- 53, 54. INTERNATIONAL RELATIONS: ECONOMIC AND POLITICAL. Mr. Hunter and Mr. Reitzel.
(Also called *Economics 53, 54*.)
An examination of the major factors which condition international relations, with special emphasis on political and economic aspects. Political Science 53 and 54 are designed as a year course; together they present the basic elements for an understanding of current international problems. The first semester's work focuses on certain basic elements: physical and human resources, fundamental economic and political concepts (e.g., trade, investment, nationalism, and imperialism) and some analysis of the interaction of these factors prior to World War II. Against this background, the second semester is devoted to an analysis of major international developments since World War II. This study deals with selected functional problems—e.g., economic development, commercial policy, and the settlement of disputes—and area problems, especially those affecting Europe and Asia. This is followed by individual or group projects.
Prerequisite: *Economics 22* and *Political Science 22*.
55. COMPARATIVE GOVERNMENT—Mr. Muller.
An advanced, functional analysis of the political, social and economic institutions of contemporary European democracy. Emphasis is placed on the changing role of government in society, on the political and economic forms that have been developed to meet new needs, and on the impact of these new developments on traditional democratic theory. Prerequisite: *Political Science 11, 22*. Offered in 1957-58 and alternate years.

56. INTERNATIONAL LAW AND ORGANIZATION—Mr. Haviland.

A critical analysis of the evolution of major instrumentalities for the achievement of world order and law. Particular attention will be given to the League of Nations, the United Nations, the specialized agencies, and various proposals for regional and world government.

To be offered in 1958-59 and alternate years.

57. AMERICAN POLITICAL THOUGHT—Mr. Scott.

An approach to understanding the enduring significance of the American heritage through the study of outstanding political and social writings. Prerequisite: *Political Science 11, 22*.

Offered in 1957-58 and alternate years.

64. MODERN POLITICAL AND SOCIAL THEORY—Mr. Muller.

A study of leading political doctrines which have had a major influence in shaping the issues and conflicts of the modern world. Prerequisite: 1 year of Political Science, Economics, or Sociology.

81, 82. INDEPENDENT PROJECT COURSES—*Individual consultation; supervised independent reading and research.* Members of the Department.

Research papers and oral reports on special topics based upon the individual interests of advanced students. Open only to senior Social Science majors by permission of the instructor. Theses of candidates for Honors may be written for credit in this course. Limited enrollment. May be taken as semester or year course by arrangement with instructor.

Psychology

COURSES in Psychology are intended to acquaint the student with an understanding of principles of human behavior as derived from psychological theory and investigation. The subject deals primarily with the relationship of the individual and his environment. The curriculum contributes to the intellectual development and liberal education of the student by providing a systematic attempt to interpret the facts of experience and behavior and to examine the possible contributions of the science of psychology to other areas of specialization.

Major Requirements

A major program in psychology requires twelve semester courses as follows: Psychology 12 or 21, 23 or 24, 28, 36, 38 or 61, 100 and two additional courses in the Department other than Psychology 81, 82, Mathematics 14, Sociology 11, 22 and one course from the following group: Philosophy 12, 27, Physical Science 36, Economics 36, Biology 12, 13, 25 and selected courses from the Sociology and Anthropology Department. It is recommended that a student interested in majoring in psychology complete the mathematics requirement by the end of his freshman year.

Honors candidates should plan to take at least one semester of Psychology 81 or 82 prior to the spring semester of their senior year.

The comprehensive examination will presuppose mastery of the core areas of systematic psychology. Such areas include methodology and statistics, learning, cognitive processes, motivation, social psychology, personality theory and the major historical developments in psychology. A minimal bibliography of basic readings in these areas is available upon request.

12. GENERAL PSYCHOLOGY—Mr. Mayer.

This course is prerequisite for all other courses in the department. A psychological approach to the study of human behavior. The course will acquaint the student with the basic concepts and methods of the fields of motivation, learning, cognition, social and personality psychology. This course is a prerequisite for all other courses in the department.

21. GENERAL PSYCHOLOGY—Mr. Mayer.

This is the same course as Psychology 12. Offered in the first semester, 1957-58 only. Not open to freshmen.

23. COGNITIVE PROCESSES—*Three class hours and laboratory.* Mr. Mayer.

An experimental introduction to the problems of perception, thinking, concept formation, judgment and imagination. Prerequisite: *Psychology 12 or 21; Mathematics 14* or consent of instructor.

24. PRINCIPLES OF LEARNING—*Three class hours and laboratory.* Mr. Mayer.

This course will consist of a systematic analysis of the learning process and its relation to remembering, motivation, and language behavior. While emphasis will be placed on contemporary theoretical issues and experimental work in the area of learning, the historical context out of which these issues have developed will also be discussed. Prerequisite: *Psychology 12 or 21; Mathematics 14* or consent of instructor.

28. PRINCIPLES OF MOTIVATION—Mr. Stellar.

The course will cover the topics of instinct, biological drives, secondary and derived motives and then will analyze personal and social motives from an experimental and cross-cultural point of view. Prerequisite: *Psychology 12 or 21.*

31. HUMAN RELATIONS—Mr. Coelho.

(Also called *Sociology 31.*)

The course is designed to increase the understanding of social relations in modern society. Problems of interpersonal, intra-group, and inter-group relationships will be examined within the framework of principles of social psychology. Empirical research in various settings—industrial, medical, community, and cross-cultural—will be critically reviewed for its theoretical and practical significance. Prerequisite: *Psychology 12 or 21.*

35. NEUROPHYSIOLOGICAL BASES OF BEHAVIOR—Mr. Stellar.

This course will cover the neurophysiological mechanisms underlying behavior.

Following an introduction to the nervous system, the course will systematically deal with motor coordination, perception, motivation, emotion learning, intelligence and personality disorders. Prerequisite: *Psychology 21*. To be offered in 1957-58 only.

36. **EXPERIMENTAL SOCIAL PSYCHOLOGY**—*Four hours, including one laboratory period a week.* Mr. Coelho.

This course uses principles of scientific investigation to study selected problems in social psychology. Social factors in motivation, perception, remembering and thinking will be studied. Application of experimental social psychology to public issues will be considered. Various areas examined will be related to contemporary psychological theory. Prerequisite: *Psychology 12 or 21*. Mathematics 14 and Psychology 31 are recommended.

38. **SYSTEMS AND THEORIES OF PSYCHOLOGY**—Mr. Coelho.

A systematic study of contemporary theories in selected problem areas: perception, learning, motivation and personality. Basic theoretical issues will be examined in historical perspective. Special attention will be given to classical experiments and modern research methods that have contributed to the development of fundamental concepts in psychology. Prerequisite: *Psychology 12 or 21, Psychology 23 or 24 or 28*.

61. **THEORIES OF PERSONALITY**—Mr. Coelho.

A critical examination of major works of personality theorists such as Allport, Freud, Fromm, Lewin, Murray and Rogers. Emphasis will be placed on basic theoretical issues with a view to comparing various personality psychologists. Relevant methodological problems will also be discussed. Some attention will be given to reviewing contemporary trends in American as well as European theories of personality. Prerequisite: *Psychology 12 or 21*.

62. **DEVELOPMENTAL PSYCHOLOGY**—Mr. Heath.

Not offered in 1957-58.

81, 82. **INDEPENDENT PROJECT COURSE**—Members of the Department.

This course is designed for those students who wish to plan and carry out an experimental research project or empirical investigation in an area of special interest. This course may be repeated for credit with a change in content. Admission to course by consent of the Department.

DEVELOPMENTAL READING—Mr. F. D. Comfort.

This program offers an opportunity for students to improve their reading proficiency. Few students, if any, have realized their real potentiality in this field. Through a series of conferences, methods of developing higher level reading skills are explored. Any student who is willing to concentrate upon it, while reading for his various subjects, will find that he can increase his speed and comprehension. Also, by giving thought to the different purposes of reading, and practicing methods appropriate to each purpose, he may increase his adaptability, making each type of reading more effective. No credit.

Romance Languages

ADMISSION of new students to all French and Spanish courses except French 11-12 and Spanish 11-12 is contingent upon placement examinations administered by the Department prior to the opening of such courses.

Opportunity is given to students who complete French 11-12, Spanish 11-12 or Spanish 13-14 with distinction to advance rapidly into higher courses by passing a special examination in September on a prescribed program of vacation study.

Residence in the French and Spanish Houses and participation in the Cercle français and Club español afford an opportunity for supplementary oral practice.

Students who might profitably spend their Junior year in France or Spain are encouraged by the Department to apply for admission to the institutions sponsoring foreign study groups.

Students majoring in Romance Languages are encouraged to spend a summer in France or in a Spanish speaking country. Foreign summer schools and projects sponsored by the American Friends Service Committee and other organizations offer exceptional opportunities in this regard.

FRENCH

The program of French courses offers students an opportunity:

- 1) to learn to read, understand, speak and write French. In French 11-12 emphasis is placed on the ability to read and pronounce French. In French 13-14 a special effort is made to teach students to understand spoken French. French 21 and 22 are planned for the benefit of students primarily interested in learning to speak and write French;
- 2) to achieve an understanding of the basic attitudes implicit in a foreign culture which has exerted a profound influence in the shaping of western civilization;
- 3) to read with an increasing awareness of philosophical, moral, aesthetic and social implications the most significant French literary works.

Major Requirements

French 23-24, 25-26, 81 or 82, and 100.

Supporting courses to be arranged in individual conference with the Major Supervisor.

Comprehensive Examination.

11-12. INTRODUCTION TO FRENCH LANGUAGE AND THOUGHT.

Mr. Curtis and Mr. Shaw.

First semester: Study of those aspects of French grammar without a knowledge of which one cannot read French intelligently. Training in pronunciation. Second semester: Reading of authors who have concerned themselves with important problems. One class hour a week is devoted to translation, another to concentrated analysis of short texts, and the third to discussion of rapid reading.

13-14. THE FRENCH PEOPLE—Mr. Gutwirth, Mr. Shaw and Mr. Smith.

The purpose of this course is to aid the student, through analysis of French attitudes and comparison with equivalent American attitudes, to achieve a more objective understanding of the French people and of certain cultural forces which have had a part in shaping his own life. Reading and discussion of French literary works for their cultural implications. An intensive effort is made to help students learn to understand spoken French. Prerequisite: *French 11-12* or the equivalent.

21. SPOKEN FRENCH—Mr. Curtis.

This course is designed to develop the student's ability to speak French correctly and without embarrassment. At first most of the work will be carried on through individual conferences and laboratory periods; as the ability of the student increases and general discussion becomes more profitable, more emphasis will be placed on regular class meetings. Students who plan to take this course are encouraged to make arrangements to live in the French House. Prerequisite: Special permission of the Department. Enrollment limited to twelve students.

22. THE FRENCH LANGUAGE—Mr. Curtis.

The development and structure of the French language are studied as a means to a more general understanding of the nature and function of language. Through extensive drill an attempt is made to teach students to write French correctly. Prerequisite: *French 21* or the equivalent.

23-24. CURRENTS OF FRENCH LITERATURE—Mr. Gutwirth.

A study of the fundamental trends of literature from Humanism to Existentialism. Special emphasis is placed on the relationship of philosophical, social, and literary schools of thought. Although importance is attached to historical development, this course does not constitute a survey of French literature. Prerequisite: *French 13-14* or the equivalent.

25, 26. A SYMPOSIUM OF SIGNIFICANT FRENCH WRITINGS—Mr. Curtis.

This course, while independent of French 23-24, is complementary to it. It consists of studying and discussing a limited number of masterpieces chosen from the whole range of French literature. Emphasis is placed on intrinsic values rather than on social and historical relationships. The list of works read is varied from year to year to suit the needs and interests of the students and of the teacher. Emphasis in 1957-58 will be placed on contemporary literature. Because of the

change in content, students who have already taken this course may take it again for credit. Prerequisite: *French 23-24, 25-26* or the equivalent.

81, 82. SPECIAL PROJECTS IN FRENCH LITERATURE—Mr. Curtis, Mr. Gutwirth, and Mr. Shaw.

This course offers the student of French literature an opportunity to probe more deeply and more independently into a problem or into an area in which he is particularly interested. The nature of the course will therefore vary to suit the needs of each individual student.

SPANISH

The courses offered in Spanish are designed to give the students a thorough knowledge of the Spanish language and an understanding of Spanish and Spanish-American thought and culture. Elementary Spanish and Intermediate Spanish are primarily language courses, with emphasis on grammar, reading, and conversation. Even in these elementary courses the approach corresponds to the liberal tradition of the College, placing emphasis on the human value of the language, and its importance in international and continental solidarity and understanding. The elementary courses are followed by general courses in civilization and literature, as the basis for the more advanced courses covering special periods, works, and authors in Spanish and Spanish-American literatures.

Major Requirements

Spanish 21-22, 31, 81 or 82, and 100.

History of Spain and Spanish America, as a background for literature.

Supporting courses to be arranged in individual conference with the Major Supervisor.

Comprehensive Examination.

11-12. ELEMENTARY SPANISH—Mr. Asensio.

Grammar, with written and oral exercises; reading; thorough drill in conversation.

13-14. INTERMEDIATE SPANISH—Mr. Asensio.

Review of grammar, with written and oral exercises; composition, reading and conversation. Prerequisite: *Spanish 11-12* or the equivalent.

15-16. INTRODUCTION TO HISPANIC CIVILIZATION—Mr. Asensio.

Geographic, cultural, and historical background. Emphasis is laid on basic attitudes underlying the Spanish and Spanish-American culture pattern and contrasting with characteristic American attitudes. Lectures, reading, discussion, written reports. Prerequisite: *Spanish 13-14* or the equivalent.

Offered in 1958-59 as a reading course.

21-22. INTRODUCTION TO SPANISH LITERATURE—Mr. Asensio.

A survey of Spanish literature from the beginnings to modern times; lectures, written and oral reports. Prerequisite: *Spanish 13-14* or the equivalent.

Offered in 1958-59.

23-24. INTRODUCTION TO LATIN-AMERICAN LITERATURE—Mr. Asensio.

A survey of Latin-American literature from the Colonial period to modern times; lectures, written and oral reports. Prerequisite: *Spanish 13-14* or the equivalent.

Offered in 1957-58.

33. SPANISH LITERATURE OF THE GOLDEN AGE—Mr. Asensio.

Cervantes, Lope de Vega, Tirso de Molina, Calderon; lectures, written and oral reports.

Not offered in 1957-58.

81-82. SPECIAL TOPICS IN SPANISH LITERATURE—Mr. Asensio.

Reading and lectures; written and oral reports. This course may be repeated, with change of content, for full credit.

Russian

THE COURSES in Russian are designed to offer the students the opportunity to learn to read and speak Russian and to achieve an understanding of the thought and culture of pre-revolutionary as well as contemporary Russia. Russian 11-12 and 21-22 are primarily language courses. The elementary course teaches the basic grammar and enough vocabulary to enable the student to speak and understand simple Russian. The intermediate course introduces the student to the Russian literary language; also some newspaper articles and other contemporary material are read.

Students who have completed Russian 21-22 can continue with the more advanced courses offered at Bryn Mawr College.

Major Requirements

(Courses numbered above 100 are offered at Bryn Mawr College.)

Students majoring in this field will be required to take:

8 semester-courses in Russian language and literature: 11-12, 21-22, 201, a 300 course chosen from 301, 302, 303, 304, in addition to the 100 course.

4 semester courses in Russian history and institutions: History 208 (History of Russia); Political Science 41 (Soviet Political and Economic Development).

Other related courses, including Russian 203, (Russian Literature in Translation) will be arranged in individual conference with the major supervisor.

A comprehensive examination on the Russian language, a special period of Russian literature, and Russian history.

11-12. ELEMENTARY RUSSIAN*—*Five periods a week.* Miss de Graaff.
Russian grammar, conversation, and reading.

21-22. INTERMEDIATE RUSSIAN—*Four periods a week.* Miss de Graaff.

Grammar review, reading in Russian classics and contemporary materials, conversation. Prerequisite: *Russian 11-12* or the equivalent.

The following courses are given at Bryn Mawr College:

201. READING IN RUSSIAN LITERATURE—Mr. Sajkovic.

Representative writers of the nineteenth century. Conducted mostly in Russian. Prerequisite: *Russian 21-22.*

203. RUSSIAN LITERATURE IN TRANSLATION—Miss Linn.

The leading Russian writers of the nineteenth century in translation. Students registering for the course should read in the preceding summer the following novels: Dostoevsky's *Crime and Punishment*. Tolstoi's *War and Peace*, and two of Turgenev's novels.

Not offered in 1956-57.

302. RUSSIAN LITERATURE OF THE TWENTIETH CENTURY—Mrs. Lang.

Conducted in Russian. Prerequisite: *Russian 201.*

* This course meets five times a week with corresponding reduction in outside preparation; three hours credit.

Sociology and Anthropology

THE CURRICULUM in Sociology and Anthropology is designed to develop the student's understanding of the social structure, the social process, and the social relationships in and through which man functions. The subject matter deals with man, his groups, his organizations, and his communities. Courses are offered for those who would make these subjects their area of major interest as well as for those students who wish to study social science methods or such specific groups and institutions as populations, the family, and the community.

Major Requirements

A major program in Sociology has a prerequisite of *Social Science 11-12* and the *Introduction to Statistics, Mathematics 14*. Students are advised to take these courses in their Freshman year. The program requires the satisfactory completion of the following courses:

- a. *Sociology 11* (or *21*), *22*, *33* or *40*, *37* or *38*, *41*, *51*, *54*, *100*; *Psychology 12* (*21*);
- b. two additional courses selected from the departments of Economics, Political Science, and Psychology, subject to the approval of the major supervisor.

A comprehensive examination, designed to test the student's knowledge as well as his ability to integrate and utilize the subject matter of sociology and other social sciences, is given in the Senior year.

Candidates for Final Honors in Sociology will be required to complete two assignments, one in the field of *Social Groups and Institutions* during the Junior year, another in the field of *Social Processes and Issues* during the Senior year.

11. INTRODUCTION TO SOCIOLOGY—Mr. Reid and Mr. Smith.
A basic course designed to acquaint the student with the essential points of view about human groups and their behavior, the more important information which sociologists have discovered about groups, the research procedures used, and the basic technical vocabulary of the field. This course is a prerequisite for all other offerings in Sociology and Anthropology.
22. INTRODUCTION TO ANTHROPOLOGY—Mr. Harper and Mr. Reid.
A study of the basic materials and ideas of modern anthropology, designed to give the student a well-rounded view of the origin, development, and differentiation of man as a biological organism as he lives within the contexts of human cultures. Prerequisite: *Sociology 11* (or *21*).
31. HUMAN RELATIONS—Mr. Coelho.
(See *Psychology 31*).
33. POPULATION POLICIES AND PROBLEMS—Mr. Reid.
A study of the restrictive, expansive, and eugenic aspects of national population policies as they are related to demographic theory. Special reference is given to the problems of fertility and mortality, density, immigration, and food supply. Prerequisite: *Sociology 11* (or *21*), *22*, or *Economics 21*, *22*, or *Psychology 21*, *22*. Offered in 1958-59 and alternate years.
34. SOCIAL INSURANCE AND PUBLIC WELFARE—Mr. Somers.
(See *Political Science 34*.)
36. LABOR ECONOMICS AND LABOR RELATIONS—Mr. Teaf.
(See *Economics 36*.)
37. THE FAMILY—Mr. Reid.
A study of the institutions designed to guarantee the perpetuation of the group and its cultural heritage in comparative societies. The course will analyze functions, forms and processes of the institutions of marriage and the family. Individual projects. Prerequisite: *Sociology 11* (or *21*), *22* or *Economics 21*, *22* or *Psychology 21*, *22*.
To be offered in 1957-58 and alternate years.
38. THE MODERN URBAN COMMUNITY—Mr. Reid.
A study of the social and spatial aspects of modern urban community organization as influenced by personal, technological, ecological, economic and political factors. Individual projects. Prerequisite: *Sociology 11* (or *21*) or *Economics 21*, *22*, or *Psychology 21*, *22*.
Offered in 1958-59 and alternate years.
- 40a. ETHNOLOGY—Mr. Harper.
A comparative study of cultures with particular reference to their institutions, value systems, behavioral patterns, and their interrelations. Prerequisite: *Sociology 22*.

41b. SOCIOLOGICAL THEORY—Mr. Reid.

The nature and function of sociological theory and its place in the development of the field of Sociology. The reciprocal functions of sociological theory and sociological research. Intensive attention will be given each year to several major theorists. Prerequisite: *Sociology 11* (or *21*), *22* and at least one advanced course in Sociology.

51, 52. SOCIAL RESEARCH—Mr. Reid.

An analysis of classic and significant studies in the fields of social sciences with a view toward understanding the methods, tools, techniques, and hypotheses of social research. Studies will demonstrate the use of statistical, case, historical, and other research procedures. Individual projects. Required of Sociology Majors. Prerequisite: *Sociology 11* (or *21*), *22* or *Economics 21*, *22* or *Psychology 21*, *22* and Junior Standing.

54. ISSUES IN SOCIETY—Staff.

This seminar is designed to treat a sociological situation of current or potential importance, emphasizing the nature and problems of social fact, social values and the social process. Individual projects. Required of Sociology Majors. Prerequisite: *Sociology 41*, *51* or *52*.

64. SPECIAL TOPICS IN ANTHROPOLOGY—Mr. Harper.

An advanced course in restricted fields of cultural anthropology. Elective for Seniors. Prerequisite: *Sociology 22*, *51*, *52*.

81, 82. INDEPENDENT PROJECT COURSES—*Individual consultation; supervised independent reading and research.* Staff.

Research papers and oral reports on special topics based upon the individual interests of advanced students. Theses for majors in the Department may be written for credit in this course. Prerequisite: Permission of the instructor. Offered annually.

Spanish

(see Romance Languages)

Arts and Service Program

THE FACULTY OF HAVERFORD COLLEGE adopted in the spring of 1947 a program which involves a new departure in American education. This program is designed to cultivate aesthetic perception, creative control of materials, a love of fine workmanship, and other important areas of learning and of experience, such as community service, which have often been neglected in the liberal arts program. The Faculty feels that, though courses (called "units") in these areas cannot properly be included in the academic curriculum, they are of no less importance in the development of personality than strictly intellectual work.

Every student is required to take nine terms of work which is not academic in nature. It is mandatory that six of these terms be taken in Physical Education: three in the Freshman year, two in Sophomore year, and one in the Junior year. The remaining three terms may be devoted either to offerings of the Department of Physical Education or to units of the Arts and Service Program described here. The first election of such units in the Arts and Service Program may be made in the fall or winter term of the Sophomore year.

In its non-academic work, the College insists on the same high quality of teaching which it demands in its academic courses. A distinction in the two types of work is needed not because one is thought to be less important than the other, but because in the opinion of the Faculty the two kinds of work are different and should not be equated.

CABINETMAKING—*Three hours a week.* Mr. Holmes.

Instruction will be offered during the winter term in woodworking with hand tools on selected tasks. Qualified students may work on projects of their own choice insofar as facilities permit. Cost of materials will be borne by the student. Limited to five students with consent of instructor.

COMMUNITY SERVICE—*Three hours a week.* Mr. Hetzel.

Non-academic credit will be given to students who serve as group leaders in the activities of community services. Activities include athletics, scouting, clubs, music, dramatics, hobbies, and other youth-leadership work. Competent social workers will supervise the work, and guidance will be given by sociologists to make the experience meaningful.

Offered in the fall and winter terms.

MACHINE-TOOL WORK—*Three hours a week.* Mr. N. Wilson.

The unit for beginners will be conducted in the winter term and will include machine tool work on the lathe, milling machine, shaper, and drill-press. Those who have sufficient skill will be permitted to use the scheduled period for approved projects of their own choice. Limited to five students.

MODELING AND SCULPTURE—*Three hours a week.* Mr. J. W. Kelly.

This course for beginners or advanced students will be offered in winter term. It includes composition, portrait, life, and some study of modern trends in sculpture. As artists have for long been taught to read, so this course aims to teach academic students to see.

MODERN IRON SCULPTURE—*Three hours a week.* Mr. J. W. Kelly.

A practical course using a spot welder to develop three dimensional free forms. Each student will make sketches and develop a composition, will use iron rods and thin gauge sheet iron cut, shaped and then welded together. Students will also discuss Modern Sculpture with the instructor. Limited to six students.

MUSIC APPRECIATION—(1)—*Three hours a week.* Mr. Reese.

An elementary course designed to develop a technique of listening to music. The basic aspects of music—melody, rhythm, harmony, texture, color, form—are studied. Emphasis is placed on the analysis of examples given and of music heard in available concerts. Offered in the winter term.

MUSIC APPRECIATION (2)—*Three hours a week.* Mr. Caselli.

Verdi—growth of a genius. Verdi's operas will be presented in recorded form, analyzed and compared with the work of other contemporary composers. Offered in the fall term. No prerequisites.

PAINTING AND DRAWING—*Three hours a week.* Mr. Janschka.

The purpose of instruction in this course is to help students in acquiring perception and skill in artistic creation and rendition through the media of painting, drawing and modeling. The work may be from life and nature, from imagination, or the copying of art works. Prior experience is not required. Offered in the fall and winter terms. Limited to twenty-five students each term.

PHOTOGRAPHY—*Three hours a week.* Mr. N. Wilson.

This unit is for beginners and will include instruction in the use and characteristics of photographic equipment, the processing of films and papers, and the composition of subject material both indoors and outdoors. Limited to six students. Offered in the fall term.

PUBLIC SPEAKING—*Three hours a week.* Mr. Butman.

The course is intended for those who are particularly interested in public speaking and require some expert tuition.

RADIO COMMUNICATION—*Three hours a week.* Mr. Benham.

This unit consists of projects in radio, such as instruction in the International Morse Code, a study of basic principles, or a construction project (the cost of materials to be borne by the student). It may serve as preparation for the amateur license examination given by the Federal Communications Commission. Admission with the consent of the instructor. Offered in the winter term.

THEATRE ARTS—*Three hours a week.* Mr. Butman.

This course is intended to give students interested in drama an opportunity to work on the problems of directing and producing plays. Admission with consent of the instructor. Offered in the fall term.

WEEKEND WORKCAMPS—Mr. Hetzel and Mr. Richie.

Students electing this unit will spend three week-ends participating in the work of renovating houses in certain areas in Philadelphia. Consultations with expert social workers and discussion within the camp group will promote an interest in and understanding of social problems. Offered in the fall and winter terms.

Student Government

THE STUDENTS' ASSOCIATION is made up of all undergraduates at Haverford College. The College Administration has delegated to the Students' Association—and the Association has accepted—the responsibility for nearly all aspects of student conduct and of student organizations on the campus. The main instrument for exercising this unusual degree of self-government is the Students' Council, composed of elected representatives from each class and supplemented by representatives elected from each dormitory.

The Students' Council is both an executive and a judicial body. It handles all phases of the administration of regulations of the Students' Association. On the campus the Council manages extracurricular activities, exclusive of athletics, and allocates to each organization a percentage of the Student Activities Fees.

The presidency of the Students' Council is the most important undergraduate office at Haverford. The President represents the student body before the Board of Managers, the College Administration, and the Faculty. He serves both as liaison officer and as executive. He conveys to the College Administration the recommendations of the Students' Council in disciplinary matters.

Honor System

THE HONOR SYSTEM at Haverford is based on the belief that students can successfully take the responsibility of establishing and maintaining standards in social and academic life. In the academic area the Honor System stipulates that one should distinguish clearly between one's own work and material from any other source. Since examinations are not proctored at Haverford, suitable conduct is required by accepted code. In the social area the guiding principle is respect for the reputation of women guests and of the College.

THE HONOR PLEDGE is called to the attention of each applicant for admission to Haverford College:

"I hereby accept the Haverford College Honor System, realizing that it is my responsibility to safeguard, uphold, and preserve each part of the Honor System and the attitude of personal and collective honor upon which it is based."

Specifically, each student who enters Haverford pledges himself to uphold two responsibilities under the Honor System: (1) to govern his own conduct according to the principles which have been adopted by the Students' Association; (2) in case of a breach of the Honor System to report himself to the Students' Council; in addition if he becomes aware of a violation by another student, to ask the offender to fulfill his pledge by reporting himself. If the offender refuses, the student is pledged to report the matter to the Students' Council. In this manner each individual becomes personally responsible for the successful operation of the entire Honor System.

There are several ways in which the Honor System contributes to the quality of student life at Haverford. There is educational value in considering carefully the factors which make standards necessary and in deciding as a group what standards and regulations are needed in a college. It follows that a large degree of self-government is made possible since students are willing to respect those standards which they themselves have set up. At the same time Haverford successfully meets its responsibility to the community by maintaining an acceptable level of conduct. With his privileges and responsibilities more clearly defined, a Haverford student enjoys a freedom which contributes to the atmosphere of integrity and mutual confidence that prevails at the College.

Each entering student should feel confident before selecting Haverford that he can give his active support to the Honor System. He should realize that its success, which is of great importance to him personally and to the whole student body, and indeed to the College itself, depends upon his willingness to give it his complete support.

Student Committees

THE HONOR SYSTEM COMMITTEE is responsible for introducing the Honor System to incoming students. It also makes periodic evaluations of how the System works.

THE ADVISORY COMMITTEE ON COLLECTION SPEAKERS makes suggestions on possible speakers for the College and arranges for interested students to meet with these visitors.

Student Organizations

THE PUBLIC AFFAIRS ASSOCIATION is an organization of men interested in political, economic and sociological affairs. It includes as subsidiary groups a chapter of the Intercollegiate Conference on Government and the Political Forum which is responsible for bringing speakers on current affairs in these fields to the campus.

THE INTERNATIONAL CLUB, founded in 1954 by an exchange student, offers opportunities for Haverford students to become acquainted with customs in foreign countries.

The W. W. COMFORT DEBATING SOCIETY elects to membership men who have shown a consistent interest in debating, and who have represented the College on more than one occasion. Every year a series of intercollegiate debates is conducted.

THE DRAMA CLUB, in conjunction with the Bryn Mawr College Theatre produces on the average three major plays a year, alternating between the Bryn Mawr and Haverford stages. The workshop of the Club, with lectures and discussions on all vital aspects of play production, is open to all regardless of previous experience.

The workshop of the Club, with lectures and discussions on all vital aspects of play productions.

THE HAVERFORD COLLEGE GLEE CLUB, the chief musical organization of the College, is open to all students who have a love of music and enjoy singing. A schedule of trips and joint concerts with choruses of the principal women's colleges is planned each year, often including a concert tour during Spring vacation. The Club presents major choral works as well as numbers for male voices. Rehearsals are held twice weekly.

THE ORCHESTRA is a combined enterprise with Bryn Mawr College. All students playing orchestral instruments are invited to get in touch with the Director, Dr. William Reese. Concerts of orchestral music are presented during the year and the Orchestra often participates with the Glee Club in the performance of major choral works.

Smaller ensemble groups for chamber music are fostered at both colleges. There is opportunity for instrumental study with noted teachers at nearby music institutions.

THE BAND plays at football games, pep rallies, and on a few other occasions.

THE RADIO CLUB operates the College radio station, WHRC. Members of the club arrange programs, operate the station, and build or buy necessary equipment. The studios are located in the third floor of the Union Building.

THE PHOTOGRAPHIC CLUB promotes interest in photography and has the use of a dark-room and equipment located in Leeds Hall.

THE VARSITY CLUB of Haverford College, organized in 1936, is composed of undergraduates who have won varsity letters. Its purpose is to advance the interests and ideals of the College through athletics.

DEPARTMENTAL CLUBS. There are at Haverford various departmental groups, which arrange for outside speakers, hold discussion sessions, sponsor demonstrations, plays, and social gatherings. Among these are the French Club, German Club, Spanish Club, Philosophy Club, Psychology Club, the Mathematics Club, Biology Club, and Chemistry Club.

THE PEACE ACTION FELLOWSHIP attempts to stimulate student thinking on pacifism. Activities are designed to explore non-violence both in theory and in its relevance to specific areas of conflict.

Joint Faculty and Student Groups

THE COMMITTEE ON STUDENT AFFAIRS is a joint committee made up of members of the faculty and undergraduates. It is charged with supervising the arrangements for social affairs on campus, and with reviewing the budgets of various recognized student organizations.

THE CAMPUS CLUB is an association of graduates, faculty members, undergraduates, and friends of the College who are interested in maintaining and increasing the beauty of the College campus.

Student Publications

THE HAVERFORD NEWS is a weekly newspaper, distributed to all undergraduates and faculty members and sent to all members of the alumni body. It is published on Fridays, during the college year, by undergraduates. There are opportunities for all interested men on both editorial and business staffs.

THE HAVERFORD COLLEGE HANDBOOK is published each fall under the auspices of the Students' Council. It contains information particularly valuable to new students.

THE RECORD is published annually by the Senior class, with the financial support of the Students' Association. It includes a record of the year, with particular emphasis upon the activities of the graduating class.

THE HAVERFORD REVUE is a magazine devoted to student literary efforts. It is published approximately twice a year.

Health Program

EACH STUDENT is given a thorough examination at the beginning of the Freshman year, and at other times as recommended by the College physician. Chest x-rays are provided each year for the entire student body. Influenza Vaccine is recommended and given to the entire student body each year, at no additional cost to the student.

Each student is entitled to unlimited dispensary service, at stated hours, and first-aid service at any time.

In case of illness, each student is entitled to two weeks of residence in the Morris Infirmary each semester, ordinary medicine, diagnostic laboratory work, any x-rays needed for diagnosis, and the services of the College physician and resident nurse.

Students will be charged \$5.00 a day for residence in the Infirmary after their first two weeks. Day students will be charged for board in addition, while in the Infirmary.

Each student is also covered by a blanket accident policy which pays actual expenses resulting from any accident up to a limit of \$500.00 for each accident. The expenses covered include x-rays, medicine, surgical appliances, hospital bills, nursing care, physician's fee, surgeon's fee, and also dentist bills for repair or replacement of natural teeth as a result of an accident, subject to the approval of the College physician. The coverage is in force from 12:01 A.M. Standard Time three days before the date when registration of entering students begins until midnight three days after Commencement Day.

All of these services are covered by the Unit Fee which is paid by all students (see page 27).

The Infirmary, presented by John T. Morris, '67, contains ten beds, a surgical room, an isolation ward for contagious diseases, its own kitchen, and accommodations for a resident nurse. Every provision has been made for medical and surgical treatment of all cases among students during the college year. The danger of infection through illness in the college dormitories is thus minimized.

Library, Laboratories, and Other Academic Facilities

The Library

THE HAVERFORD COLLEGE LIBRARY is planned and developed with the primary purpose of providing the intellectual resources of books, periodicals, and pamphlets needed to sustain the work of the academic curriculum. Most of the volumes have been selected by the teaching faculty, and, with the exception of some special collections described below, the books and periodicals are all on open shelves and readily accessible for over ninety hours a week during the college year. In the administration of the Library, the aim is to bring the resources of the book collection as effectively as possible into the academic life of the College.

Beyond this primary purpose, the Library seeks through several collections to provide opportunities for independent research in certain fields. Most notable of such collections is the Quaker Collection, which attracts many visiting scholars each year. The Government Depository and International Documents Collections provide extensive resources for independent study in the social sciences, and there are further collections of autograph material, orientalia, and particularly of Renaissance literature offering similar research opportunities in other fields.

The Haverford Library contains about 205,000 volumes, and holds subscriptions to over 650 literary and scientific periodicals. Though designed especially for the use of students and faculty of the College, the Library welcomes outside readers who wish to consult the books, and, under certain restrictions, may grant them special borrowing privileges. The Library is open on week-days from 8:00 A.M. to 11:00 P.M., and on Sundays from 2:00 to 11:00 P.M. (Treasure Room: Week-days — 9:00 - 5:00; Saturdays — 9:00 - 12:00). Special hours are arranged for vacation periods.

The Library building, the first portion of which (the present north wing) was built in 1863, has grown by five successive additions. The construction of a new Stack in 1941 has assured room for growth of the book collections for several years to come. In December 1952 the original north wing was renovated in memory of William Pyle Philips, and now forms a bright and comfortable room for quiet study. There are also four special reading rooms in the building:

THE GUMMERE-MORLEY MEMORIAL READING ROOM, decorated and equipped by the Class of 1892, provides a reading and browsing room for Haverford students.

THE MICROMATERIALS READING ROOM, equipped with microfilm and microprint readers and a microfilm file of *The New York Times* from 1942 to the present.

THE RUFUS M. JONES STUDY, a replica of Rufus Jones' own study, with his own books and furniture, is used for seminar classes in philosophy as well as for quiet reading.

THE TREASURE ROOM, provided through the generosity of Morris E. Leeds of the Class of 1888, contains the Quaker Collection as well as other rare books and special collections.

Special Collections

THE QUAKER COLLECTION, containing approximately 20,000 books and 40,000 manuscripts, maps and pictures of interest to the Society of Friends, provides a repository for Quaker literature in the United States, and makes Haverford a vital center for the study of the history and philosophy of Quakerism. The unique nucleus of the library is *The William H. Jenks Collection of Friends' Tracts*, mostly of the seventeenth century, which numbers about 1500 separately bound titles.

THE RUFUS M. JONES COLLECTION ON MYSTICISM contains almost a thousand books and pamphlets from the fifteenth century to the present day.

THE TOBIAS COLLECTION OF THE WRITINGS OF RUFUS M. JONES is practically complete. It consists of 168 separate volumes and 16 boxes of pamphlets and extracts.

THE CHARLES ROBERTS AUTOGRAPH COLLECTION contains more than 20,000 items, embracing autographs of the signers of the Declaration of Independence, authors, statesmen, scientists, ecclesiastics, and monarchs, and also several series of valuable papers on religious and political history.

FRENCH DRAMA OF THE ROMANTIC PERIOD, a collection of several hundred popular plays produced in Paris between 1790 and 1850. The collection was presented to the College by William Maul Measey.

THE CHRISTOPHER MORLEY COLLECTION OF AUTOGRAPH LETTERS comprises about 200 letters and memoranda selected by Mr. Morley from his correspondence files. Over one hundred contemporary authors are represented.

THE WILLIAM PYLE PHILIPS COLLECTION contains more than seventy-five rare books and manuscripts, mostly of the Renaissance period. Among the treasures of this collection are first editions of Dante, Copernicus, Spenser, the King James Bible, Milton, Newton, and the four folios of Shakespeare.

THE HARRIS COLLECTION OF ANCIENT AND ORIENTAL MANUSCRIPTS contains over sixty Hebrew, Greek, Latin, Arabic, Syriac, and Ethiopian rolls and codices collected by J. Rendel Harris.

Affiliations

Haverford maintains a cooperative arrangement with Bryn Mawr and Swarthmore whereby the facilities of the libraries of all three colleges are open to the faculty and students of each of the colleges.

THE PHILADELPHIA BIBLIOGRAPHICAL CENTER AND UNION LIBRARY CATALOGUE, the largest regional cooperative catalogue in America, enables users of the Haverford Library to locate books in over one hundred and seventy libraries of the Philadelphia area.

THE LIBRARY ASSOCIATES is an organization of graduates and friends of the College, devoted to increasing the usefulness of the Library. It serves to bring the facilities of the Library to wider notice and to make them available to the whole Haverford community; to encourage the making of gifts to the Library; and to aid in the use of the Library for exhibition purposes. Inquiries should be addressed to The Library, Haverford College.

Scientific Laboratories

THE WILLIAM J. STRAWBRIDGE MEMORIAL OBSERVATORY is equipped with three equatorially mounted telescopes, a 10-inch and a 4½-inch refractor, and a 6-inch reflector; a reflecting telescope with 8-inch mirror and altazimuth mounting; a meridian circle telescope of 3¾-inch aperture; a zenith telescope of 2¼-inch aperture; a spectrohelioscope; an astrographic mounting provided with two 4-inch Ross lenses and a 4-inch guiding telescope; sidereal clocks, a chronograph, and other instruments. The astronomical library is housed in the Observatory.

THE LYMAN BEECHER HALL CHEMISTRY LABORATORY is a three-story structure with working space in the various laboratories for about two hundred and fifty students. Separate laboratories are available for general chemistry and qualitative analysis, quantitative analysis, organic chemistry, qualitative organic analysis and organic synthesis, semimicro quantitative analysis, and physical chemistry, respectively. In addition two rooms are devoted to the needs of research students. Books and periodicals dealing with chemical subjects are housed in a comfortably furnished library on the first floor which is open to the students.

THE HILLES LABORATORY OF APPLIED SCIENCE houses the Engineering Department. This modern building contains classrooms, drawing rooms, a departmental library, shops, and mechanical and electrical laboratories.

Exceptional facilities for observing the practical side of the work are offered by the many manufacturing companies in and near Philadelphia and frequent inspection trips are made.

SHARPLESS HALL is occupied on the two lower floors by the Department of Physics. Here are situated the departmental library, laboratories, darkrooms, shops, and rooms for individual work. Through the gift of William P. Philips, '02, and through other acquisitions, the department is equipped for advanced work in electronics, x-rays, atomic, nuclear and high energy physics.

The upper floors house the Biology and Psychology laboratories, and the Biology library.

The Biology facilities include a new laboratory (the construction of which was subsidized by the Carnegie Corporation) for introductory cellular Biology, a general laboratory for microbiology and biochemistry and three well equipped, modern laboratories for senior research in cellular physiology, comparative biochemistry, and physiological genetics.

The Psychology Department has a number of individual rooms for student experimental research projects and facilities for housing animals for laboratory work.

Natural History Collections

THE NATURAL HISTORY COLLECTIONS, presented to the College by a considerable number of interested friends, are displayed in Sharpless Hall through a gift of the Class of 1915.

Archaeological Collection

THE BETH SHEMESH MUSEUM on the third floor of Sharpless Hall exhibits the archaeological finds by the late Professor Elihu Grant during a series of field excavations at the site of that name in Palestine. These materials reveal the life of a typical Near East community in the many aspects of its development and interplay with other peoples over a span of 2000 years. Thus, the collections provide a laboratory for study of the cultural cross-currents which met in Palestine during one of the great formative periods of civilization.

Art Collection

A permanent art collection, including paintings and drawings by Homer, Inness, Pintorricchio, Sargent, Turner, and Whistler, is displayed in the Library.

Temporary exhibitions of paintings, drawings, and photographs are held from time to time at the College.

Framed reproductions of outstanding paintings are available for loan to students at the beginning of each semester.

Music Collection

In addition to a considerable collection of musical scores and books in the general Library, the special equipment of the Music Department consists of several pianos and a collection of scores, books, and phonograph records presented in 1933 by the Carnegie Corporation. This collection has been amplified by yearly accessions, and now numbers close to 1600 records. A large part of this collection is available to students at stated hours in a special listening room.

THE ALFRED PERCIVAL SMITH ROOMS in the Haverford Union are reserved for music study. There is a larger room with a Steinway Grand for the holding of classes and informal concerts organized by the Music Department, and a small library in which valuable books, scores and records are kept.

The large concerts are held in Roberts Hall where a concert piano and a Hammond organ are at the disposal of artists.

THE HAVERFORD COLLEGE FRIENDS OF MUSIC is an association of friends and neighbors of the College and faculty members, who, in cooperation with the Music Department, arrange a series of chamber music concerts which are held at various times during the year in the Common Room.

Campus

THE ARBORETUM AND THE WOOLMAN WALK, the latter the gift of Edward Woolman, '93, contain a wide variety of woody plants, both indigenous and exotic, thus permitting direct observation and study by students of the natural sciences.

THE MARY NEWLIN SMITH MEMORIAL GARDEN which adjoins the south side of the Library, while primarily developed as a decorative feature, contains a wealth of flowering shrubs of interest to the botanist.

The Bucky Foundation

THE BUCKY FOUNDATION, which has as its goal the promotion of a spiritually grounded political and economic order, and the training of responsible students for such an order, maintains an office at the College.

Income from the Foundation has been used to sponsor a Constructive Citizenship program and for the training of students through the Relief and Reconstruction Unit. It is being used to support Haverford participation in a program of week-end camps.

Fellowships, Prizes and Honors

Fellowships

THE CLEMENTINE COPE FELLOWSHIP was established in 1899. The income is applied to "assisting worthy and promising graduates of Haverford College in continuing their studies at Haverford or at some other institute, in this country or abroad, approved by the Board of Managers. Candidates shall be nominated by the College Faculty to the Board of Managers."

The Faculty will nominate a First Cope Fellow and a Second Cope Fellow whose individual stipends, not to exceed \$1,000, will be determined by the Board.

Applications for a Clementine Cope Fellowship must be in the hands of the President before March 1, accompanied by whatever statement of extra-curricular activities the candidate considers relevant.

Prizes

(All prizes awarded in books are marked with appropriate bookplates. As soon as possible after the award a list of standard books, from which selection is to be made, should be submitted for approval to the head of the department awarding the prize. Books selected from the approved list may then be ordered through the College Business Office. The College grants an average discount of ten per cent of prize books, and supplies the bookplates.)

ALUMNI PRIZE FOR COMPOSITION AND ORATORY.—A prize of \$50.00 was established by the Alumni Association in 1875 to be awarded annually for excellence in composition and oratory. Competition is open to Freshmen and Sophomores, but the same man may not receive the prize twice. The competition for this prize is administered by the Department of English.

JOHN B. GARRETT PRIZES FOR SYSTEMATIC READING.—A first prize of \$50.00 and a second prize of \$25.00 will be given at the end of the Junior or Senior year to the two students who, besides creditably pursuing their regular course of study, shall have carried on the most profitable program of reading in a comprehensive topic during a full college year.

Candidates for these prizes must register with the chairman of the department under whose supervision the work will be performed. The department is responsible for guiding his work and reporting his achievement to the

Committee on Fellowships and Prizes for final judgment. Either or both of these prizes may be omitted if, in the judgment of the Committee, the work does not justify an award.

Interested students should apply directly to a relevant department for information.

THE CLASS OF 1896 PRIZES IN LATIN AND MATHEMATICS.—Two prizes of \$10.00 each, in books, to be known as "The Class of 1896 Prizes in Latin and Mathematics," were established by the bequest of Paul D. I. Maier of the Class of 1896. They are awarded at the end of the Sophomore year to the students who have done the best work in the departments concerned.

THE LYMAN BEECHER HALL PRIZE IN CHEMISTRY.—A prize of \$100.00 was established by the Class of 1898 on the twenty-fifth anniversary of its graduation in honor of Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917.

This prize may be awarded to a student who has attained a high degree of proficiency in Chemistry and who shows promise of contributing substantially to the advancement of that science. It may be awarded to a Junior, to a Senior, or to a graduate of Haverford College within three years after graduation. It may be awarded more than once to the same student, or it may be withheld.

THE CLASS OF 1902 PRIZE IN LATIN.—A prize of \$10.00 in books, is offered annually by the Class of 1902 to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory. At the discretion of the professor in charge of the Department, this prize may be omitted in any year.

THE DEPARTMENT PRIZES IN MATHEMATICS.—A first prize of \$30.00 and a second prize of \$20.00 are awarded on the basis of a three hour examination on selected topics in Freshman Mathematics. The examination is held annually on the first Monday after the Spring Recess, and is open to Freshmen only.

ELLISTON P. MORRIS AND ELIZABETH P. SMITH PEACE PRIZES.—These have been combined for the year 1957-58 into a single competition offering three awards of \$200.00, \$100.00 and \$50.00 respectively. It is open to all undergraduates and to graduate students.

The prizes are awarded for the best essays bearing on the general topic of "Means of Achieving International Peace." Essays should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College.

Prizes will not be awarded if, in the opinion of the judges, a sufficiently high standard of merit has not been attained.

PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE.—A prize of \$40.00 and a second prize of \$25.00, in books, are offered annually to the students who, in the judgment of the professor in charge, do the most satisfactory outside reading in Philosophy in connection with the courses in that Department.

A prize of \$40.00 and a second prize of \$25.00, in books, are offered annually to the students who, in the judgment of the professor in charge, do the most satisfactory reading on the Bible and related subjects.

THE SCHOLARSHIP IMPROVEMENT PRIZES.—A first prize of \$50.00 and a second prize of \$45.00 are awarded at the end of the Senior year to the two students who, in the opinion of the judges appointed by the President of the College, show the most steady and marked improvement in scholarship during their college course.

THE FOUNDERS CLUB PRIZE.—A prize of \$25.00 is offered and awarded annually by the Founders Club to the Freshman who is judged to have shown the best attitude toward college activities and scholastic work.

THE S. P. LIPPINCOTT PRIZE IN HISTORY.—A prize of \$100.00 is offered annually for competition in the Department of History under the following general provisions:

First—Competition is open to Sophomores, Juniors, and Seniors who have taken or are taking work in the Department of History.

Second—The prize shall not be awarded twice to the same student.

Third—The prize may be withheld in any year, if the conditions listed below are not met by any of the competitors to the satisfaction of a majority of the judges.

Conditions

In competition for this prize an essay of not less than 5,000 words shall be submitted as evidence of scholarly ability in the collection and presentation of historical material, treating a subject selected with the approval of a member of the Department of History. The essay may be written either independently, or in connection with course or Honors work in History.

Essays should be typewritten and deposited with the Registrar before May 1.

THE NEWTON PRIZE IN ENGLISH LITERATURE.—A prize of \$50.00 established by A. E. Newton may be awarded annually on the basis of Final Honors in English, provided that the work of the leading candidate, in the judgment of the English Department, merits this award.

THE WILLIAM ELLIS SCULL PRIZE.—A prize of \$50.00 established in 1929 by William Ellis Scull, '83, is awarded annually to the upperclassman who shall have shown "the greatest achievement in voice and in the articulation of the English language." This prize is administered by the Department of English.

THE GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS.—A prize of \$50.00 in memory of Dr. George Peirce, '03, is offered annually to a student of Chemistry or Mathematics "who has shown marked proficiency in either or both of these studies and who intends to follow a profession which calls for such preparation. Preference is to be given to a student who has elected organic chemistry, and failing such a student, to one who has elected Mathematics or some branch of Chemistry other than organic. Should there be two students of equal promise, the one who is proficient in Greek shall be given preference." The prize is offered, however, exclusively for students who have expressed the intention of engaging in research.

EDMUND J. LEE MEMORIAL AWARD.—Classmates of Edmund Jennings Lee, '42, who lost his life in the service of his country, have established in his memory a fund, the income from which is to be given annually to that "recognized undergraduate organization which has contributed most toward the furtherance of academic pursuits, extracurricular activities, spiritual growth, or college spirit in individuals or in the College as a whole during the year. The Award is to be used in continuing to render such service."

THE WILLIAM W. BAKER PRIZE IN GREEK.—A prize of \$25.00, in books, was established in 1954 in memory of William W. Baker, Professor of Greek at Haverford College from 1904 to 1917, is given "in the study of Greek."

THE THERESA HELBURN PLAYWRITING AWARD.—These awards, open to all students of Bryn Mawr College, are given by Theresa Helburn to encourage playwriting. The prize consists of \$100.00 for the best full-length play and \$50.00 for the best one-act play submitted each year and considered worthy. Original work is required; adaptations, translations and collaborations are not eligible. Haverford students in playwriting may submit manuscripts for these awards.

Honor Societies

PHI BETA KAPPA.—The Haverford College Chapter of the Phi Beta Kappa Society of America was chartered in 1898 as Zeta of Pennsylvania. Election of members-in-course, Alumni members, and Honorary members, based upon scholarly attainment and distinction, takes place at the end of the academic year. *President*: Howard Comfort, '24; *Vice President*: Wilmot R. Jones, '23; *Secretary*: Harry W. Pfund, '22; *Treasurer*: Holland Hunter, '43.

FOUNDERS CLUB.—The Founders Club was established in 1914 as a Haverford organization of students, alumni, and Faculty. Election to its membership is recognition of a sound academic record combined with noteworthy participation in extra-curricular activities. Undergraduate elections are usually limited to the Junior and Senior classes. *President*: James C. Buckley, '49; *Secretary*: Thomas A. Medsger, '58.

Honors

Honors are of two kinds: *Honorable Mention* in a single course and *Final Honors* for work in the major department.

Honorable Mention in a single year course will be awarded at the end of the Freshman or Sophomore year, or at the end of the Junior or Senior year in any course outside a student's major field, for acceptable work in that course and additional work in the total amount of not less than seventy-five hours. Candidates for *Honorable Mention* must obtain a minimum grade of 85 in the regular work of the course and may be required to pass an examination on the additional work. Two courses of one semester each in the same department may be construed as a single course.

A student who has received the prescribed grade in the regular work of a course required for *Honorable Mention*, but who has not done the additional work required in connection with that course may do so with the consent of the professor in charge during the succeeding year.

Final Honors are designed to provide stimulation for capable students to undertake and carry through academic work of high quality. The Faculty has agreed that three indications of such high quality work on the student's part are: first, a broad and thorough understanding of his major field; second, within the range of his honors work a knowledge more profound than would normally be expected; and third, understanding of the relationship of his major field to other areas of human experience.

A student who is considered by his major department to have the ability

to become an honors candidate is invited to do so and is informed of the nature of the honors work expected as early in the course of his major work as is convenient. Although the nature of honors work varies from department to department, some work outside of the regular course work in the department, preferably along lines of the student's particular interest, may be required. The honors candidate may gain some time for this extra work by devoting one or more project courses to it in his Senior year.

Three grades of Final Honors are awarded: *Honors*, *High Honors*, and *Highest Honors*.

Honors are awarded at the discretion of the major department to honors candidates who meet the qualifications and may, under exceptional circumstances, be awarded to students who have done excellent departmental work even though they have not undertaken honors work as such.

High Honors and *Highest Honors* are awarded by the Faculty. Candidates for honors whose work has been outstanding are invited by the department to take a public oral examination, conducted by an examination committee under the chairmanship of the major supervisor and including at least two examiners from fields other than the candidate's major. If this committee so recommends, the Faculty may award High or Highest Honors. In general, Highest Honors are reserved for students who have demonstrated both breadth and depth of scholarship.

Alumni Council

Officers of the Alumni Association, Members of the Executive Committee and Alumni Representatives on the Board of Managers

President

CHARLES WARNER, JR., '23
210 North Broad Street
Philadelphia, Pa.

1st Vice President

WILLIAM F. TIERNAN, JR., '36
Franklin Printing Company
Primos, Pa.

2nd Vice President

GIFFORD P. FOLEY, '32
The Florsheim Shoe Company
Chicago 6, Illinois

3rd Vice President

J. STANTON CARSON, '24
6017 Kentucky Avenue
Pittsburgh, Pa.

Treasurer

H. ROYER SMITH, JR., '44
H. Royer Smith Company
10th & Walnut Streets
Philadelphia, Pa.

Executive Secretary

BENNETT S. COOPER, '18
Haverford College
Haverford, Pa.

Executive Committee

RAY B. HOUSTON, '34
Radio Corporation of America
Legal Department
Camden, N. J.

PHILIP L. CORSON, '19
Plymouth Meeting, Pa.

THOMAS R. BEVAN, '36
Duane, Morris & Heckscher
Land Title Building
Philadelphia, Pa.

ROBERT B. GREER, '18
17 South Avenue
Media, Pa.

KENNETH E. KINGHAM, '29
Haverford School
Haverford, Pa.

WILLIAM M. LEE, '46
526 School Lane
Swarthmore, Pa.

ROBERT L. BALDERSON, '39
386 Bair Road
Berwyn, Pa.

JOHN A. LESTER, JR., '37
Haverford College
Haverford, Pa.

JONATHAN M. STEERE, JR., '38
3006 West Coulter Street
Philadelphia 29, Pa.

JOSEPH S. TORG, '57
1324 Medary Avenue
Philadelphia, Pa.

Alumni Council *(continued)*

Alumni Representatives on Board of Managers

JOHN S. WILLIAMS, '20
Franklin Printing Company
Primos, Pa.

HERBERT W. REISNER, '31
102 West Mermaid Lane
Philadelphia 18, Pa.

JAMES P. MAGILL, '07
Eastman, Dillon &
Union Securities Company
225 South 15th Street
Philadelphia 2, Pa.

JERVIS J. BABB, '21
Lever Brothers
390 Park Avenue
New York, N. Y.

Regional Members (In office through February, 1958) Members at Large and Members of Nominating Committee

REGIONAL MEMBERS

New England States:

RICHARD M. GUMMERE, '02
984 Memorial Drive
Cambridge, Mass.

JOHN W. SPAETH, JR., '17
45 Lawn Avenue
Middletown, Conn.

New York & Connecticut:

HOWARD J. HOGENAUER, '24
648 King Street
Port Chester, N. Y.

LLEWELLYN P. YOUNG, '45
114 Clinton Street
Brooklyn, N. Y.

WILLIAM T. JEBB, '21
85 Ledyard Road
West Hartford, Conn.

RICHARD O. GIBBS, '21
Orange Center Road
Orange, Conn.

New Jersey:

BERNARD LESTER, '04
37 Woodland Road
Maplewood, N. J.

Delaware, Maryland & Washington, D. C.:

GEORGE B. BOOKMAN, '36
4821 Cumberland Ave.
Chevy Chase, Md.

WALTER SONDHEIM, JR., '29
4006 Alto Road
Baltimore, Md.

JOHN B. RHODES, '35
10 Granite Road
Wilmington, Del.

Alumni Council (*continued*)

Southeastern States:

DUDLEY D. CARROLL, '08
Univ. of North Carolina School
of Business Administration
Chapel Hill, N. C.

Great Lakes States:

ALEXANDER R. CARMAN, JR., '26
Stationery Manufacturing Co.
111 North Canal Street
Chicago, Illinois

FRANK T. GUCKER, '20
Department of Chemistry
University of Indiana
Bloomington, Indiana

Western States:

J. RUSSEL FITTS, '20
407 West 8th Street
Kansas City, Mo.

Pacific States:

JAMES F. GARY, '42
4533 East Laurel Drive
Seattle, Wash.

Pennsylvania: (Other than Philadelphia)

JOHN H. BIDDLE, '27
325 Penn Street
Huntingdon, Pa.

ROBERT F. EDGAR, '31
Gulf Oil Corporation
P.O. Box 997
Erie, Pa.

EDMUND C. WINGERD, JR., '38
1053 Wilson Avenue
Chambersburg, Pa.

Philadelphia:

ROBERT A. LOCKE, '14
1308 Land Title Bldg.
Philadelphia, Pa.

HERBERT J. PAINTER, '18
Wynnewood Plaza
Wynnewood, Pa.

F. JOSEPH STOKES, JR., '35
1012 Westview Street
Philadelphia, Pa.

MEMBERS AT LARGE

RICHARD W. NORTON, JR., '44
4648 Fairfield Avenue
Shreveport, La.

HENRY G. BARNHURST, '31
121 Farrington Avenue
N. Tarrytown, N. Y.

JOHN L. PARKER, '36
Provident Mutual Life Insurance Company
Fidelity Building
Baltimore 1, Md.

CLAYTON E. RANCK, '38
Brook Hill Farms
Brackenville Road
Hockessin, Del.

Alumni Council (*continued*)

ALUMNI NOMINATING COMMITTEE

THOMAS MCCONNELL, III, '19
1123 Rockcreek Road
Bryn Mawr, Pa.

ALLEN C. THOMAS, JR., '28
426 Carpenter Lane
Philadelphia, Pa.

EDWARD R. MOON, '16
21 Penarth Road
Bala-Cynwyd, Pa.

BENJAMIN S. LOEWENSTEIN, '34
1736 Land Title Bldg.
Philadelphia, Pa.

HAVERFORD CLUB OF PHILADELPHIA

Meridian Club

Chancellor and Camac Sts., Philadelphia, Pa.

PresidentARTHUR E. JONES, '45
494 Timber Lane, Devon, Pa.

Vice-PresidentMILTON P. KING, '49
1064 Kingsley Road, Jenkintown, Pa.

SecretaryERNEST N. VOTAW, '15
Lafayette Bldg., 5th & Chestnut Sts., Philadelphia, Pa.

TreasurerWILLIAM M. MAIER, '31
814 Provident Trust Bldg., Philadelphia, Pa.

HAVERFORD SOCIETY OF NEW YORK

PresidentHENRY G. BARNHURST, '31
121 Farrington Avenue, N. Tarrytown, N. Y.

Vice-PresidentLEWIS H. BOWEN, '34
Kersting, Brown & Co., 50 Broad Street, New York 4, N. Y.

SecretaryJOSEPH G. BILLO, '50
Baker, Voorhis & Co., 30 Smith Ave., Mount Kisco, N. Y.

Asst. SecretaryREGINALD B. COLLIER, '50
Copper Hill Road, Sand Brook, N. J.

TreasurerCHARLES B. CONN, '35
148 Highland Avenue, N. Tarrytown, N. Y.

Asst. TreasurerJAMES B. WOOD, III, '50
"Braewold", Mt. Kisco, N. Y.

HAVERFORD SOCIETY OF MARYLAND

- President*.....JOHN L. PARKER, '36
State Mutual Life Assurance Co., E. Redwood St., Baltimore 2, Md.
- Vice-President*.....JOSEPH W. SENER, JR., '50
John C. Legg & Company, Baltimore, Md.
- Vice-President*.....WALTER SONDHEIM, JR., '29
4006 Alto Road, Baltimore 16, Md.
- Secretary-Treasurer*.....E. HAMBLETON WELBOURN, JR., '38
Connecticut General Life Insurance Co., Baltimore, Md.
- Asst. Secretary-Treasurer*.....ROBERT J. FRANKE, '52
258 Rodgers Forge Road, Baltimore 12, Md.

HAVERFORD SOCIETY OF WESTERN PENNSYLVANIA

- President*.....WILLARD E. MEAD, '26
5800 Walnut St., Pittsburgh 6, Pa.
- Secretary*.....J. STANTON CARSON, '24
624 Frick Bldg., Pittsburgh 19, Pa.
- Treasurer*.....JAMES M. HOUSTON, '31
717 Oliver Bldg., Pittsburgh 22, Pa.

HAVERFORD SOCIETY OF WASHINGTON

- President*.....CHARLES M. BOTELER, JR., '45
Mutual Insurance Agency, 1301 H St., N.W., Washington, D. C.
- Vice-President*.....WILLIAM A. CRAWFORD, '36
5060 Overlook Road, N. W., Washington 16, D. C.
- Treasurer*.....MALCOLM H. MCGANN, JR., '42
4468 South 36th Street, Arlington, Va.

HAVERFORD SOCIETY OF CHICAGO

- President*.....SAMUEL M. MURPHY, JR., '41
13 Brandywine Circle, Batavia, Illinois
- Vice President*.....HARRIS P. SHANE, '31
2136 Lincoln Park West, Chicago 14, Illinois
- Secretary-Treasurer*.....JOSEPH SPROULE, '49
224 East Council Trail, Arlington Heights, Illinois

HAVERFORD SOCIETY OF NEW ENGLAND

- President*.....SUMNER W. FERRIS, '43
Hemphill Noyes & Co., Boston, Mass.
- Vice-President*.....HUGH E. MCKINSTRY, '17
115 Juniper Road, Belmont, Mass.
- Vice-President*.....PHILIP F. MCLELLAN, '42
Fifty State Street Co., 50 State St., Boston, Mass.
- Secretary-Treasurer*.....ALBERT D. BRANSON, '41
Rath & Strong, 140 Federal St., Boston, Mass.

HAVERFORD SOCIETY OF WILMINGTON

- President*.....WILLIAM L. RHOADS, III, '50
17 W. Street Road, West Chester, Pa.
- Vice-President*.....M. DANIEL DAUDON, '49
22 Hurst Road, Deerhurst, Wilmington, Del.
- Secretary-Treasurer*.....ROBERT L. DEWEES, M.D., '40
1121 Carr Road, Wilmington, Del.

HAVERFORD SOCIETY OF LOS ANGELES

- President*.....RAYMOND C. KENDIG, '16
727 Raymond Ave., Long Beach 4, Calif.
- Secretary-Treasurer*.....RICHARD B. SHOEMAKER, '37
2317 Baxter St., Los Angeles, Calif.

HAVERFORD SOCIETY OF NORTHERN CALIFORNIA

- President*.....RICHARD WISTAR, '28
Mills College, Oakland 13, Cal.

HAVERFORD SOCIETY OF SEATTLE

- President*.....JAMES F. GARY, '42
4533 East Laurel Drive, Seattle 5, Wash.
- Secretary*.....DR. ERNEST M. EVANS, '35
1012 Summit, Seattle 4, Wash.

INDEX

	PAGE
Academic Council	17
Academic Facilities	107-112
Accident Insurance	28, 106
Additional Courses	42
Administration, Officers of	16
Admission—Advanced Standing	26
Admission—Examinations	23-26
Admission—Graduate Students	45
Admission—Requirements for	23
Affiliations, Library	109
Alumni Associations	119-124
Anthropology	96-98
Archaeological Collection	111
Art Collection	111
Arts and Service Program	98-100
Astronomy	49
Athletic Fields	82-83
Autograph Collection, Charles Roberts	108
Bachelor's Degree	36-40
Beth Shemesh Museum	111
Biblical Literature	50-51
Biology	51-54
Board of Managers	7-8
Board Charges	27
Bryn Mawr College, Cooperation with	43-44, 109
Bucky Foundation	112
Cabinetmaking	99
Campus	112
Campus Club	104
Chemistry	54-56
Clubs, Undergraduate	103-104
Collection	44
Collections, Library	108-109
College Calendar	5
College Entrance Board Tests	23-26
College Program	18
College Responsibility	28
Committees—Board of Managers	8
Committees—Faculty	17
Community Service	99
Comprehensive Major Examination	39-40
Conflicting Courses	42
Corporation—Officers of	6

	PAGE
Corporation—Standing Nominating Committee	6
Course Numbering	48
Courses of Instruction	47-98
Curriculum	36
Debating	103
Dramatics	100, 103
East Asian Studies, General Course	67
Economics	56-60
Engineering	60-63
English Language and Literature	63-66
Evaluation of Academic Performance	43
Examinations for Admission	23-26
Expenses	27-28
Faculty—Members of	9-15
Faculty—Standing Committees of	17
Faculty-Student Groups	104
Fees and Special Charges	27-28
Fellowships—Clementine Cope	113
Fellowships—Thomas Wistar Brown	45
Fellowships, Prizes, and Honors	113-118
Field House	83
Financial Arrangements	27-29
Founders Club	117
Free Electives	38
French	92-94
Freshman Program	40-41
General Courses	67
German	67-70
Glee Club	103
Graduate Study	45-46
Graduate Fellowships	45
Greek	70-71
Gymnasium	83
Health Program	106
History	71-73
History of Art	73-74
History of Haverford College	20-22
Honor Pledge	101
Honor Societies	117
Honor System	101-102
Honors—Rules for	117-118
Humanities General Course	67

	PAGE
Infirmary	106
Intercollegiate Cooperation	43-44
Laboratories	109-110
Latin	74-75
Lectures and Lectureships	44
Library	107-109
Library Associates	109
Library Lectures	44
Limited Electives	37-38
Loan Fund, Student	29
Machine-tool Work	99
Major Concentration	38-40
Managers, Board of	7-8
Master's Degree	45-46
Mathematics	75-78
Meeting, Friends	19
Modeling and Sculpture	99
Modern Iron Sculpture	99
Monthly Payment of College Bills	28
Music	78-79
Music Appreciation	100
Music Collection	111
Natural History Collections	110
Non-Academic Electives	38
Observatory	109
Orchestra	103
Painting and Drawing	100
Phi Beta Kappa Society	117
Philips Visitors	14-15, 44
Philosophy	79-82
Photography	100
Physical Education	82-83
Physical Science General Courses	67
Physics	83-86
Political Science	86-89
Prizes—List of	113-116
Professions, Preparation for	41-42
Public Speaking	100
Psychology	89-91

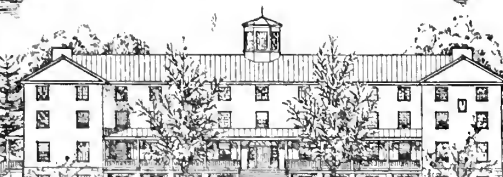
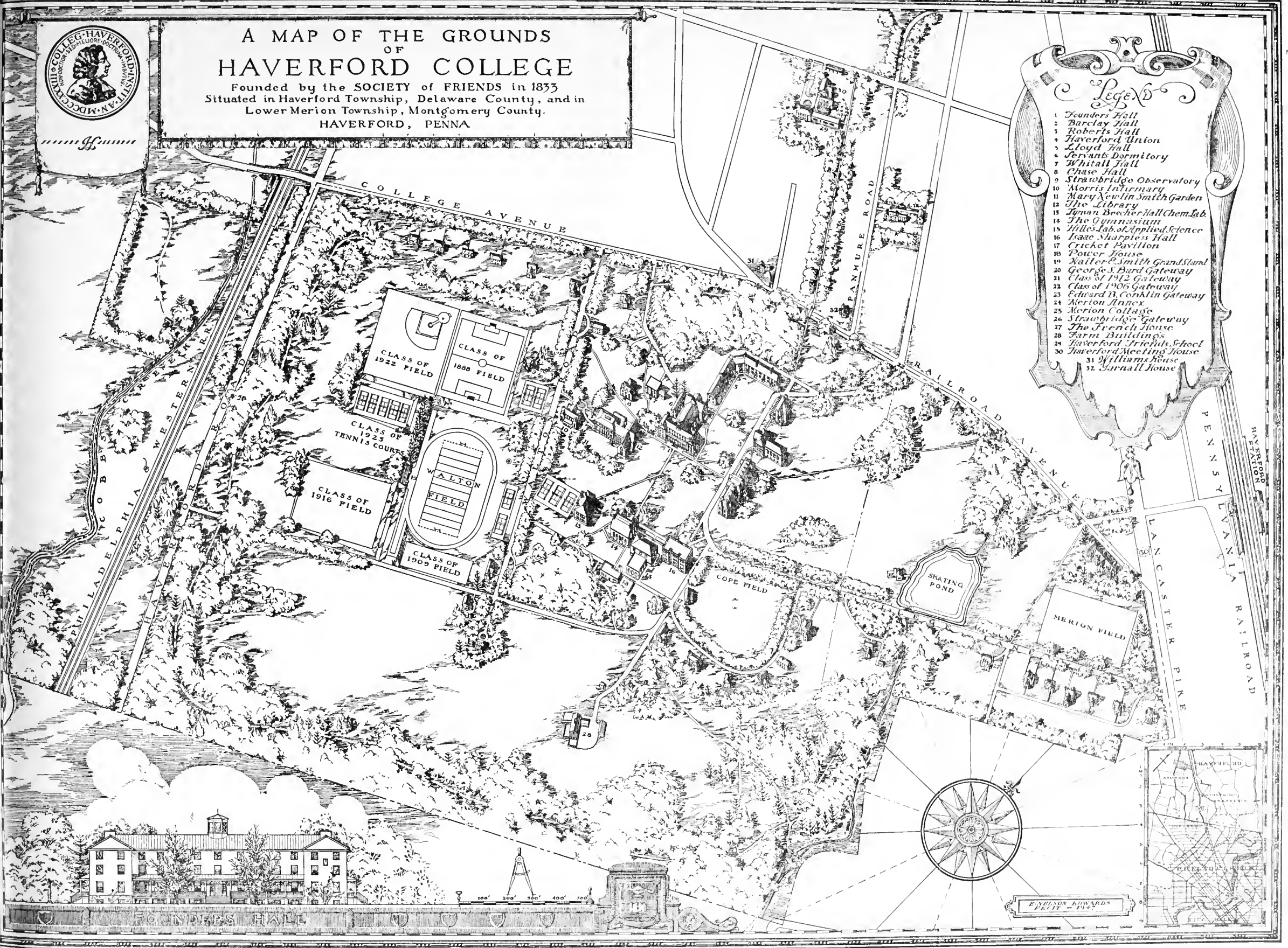
	PAGE
Quaker Collection	108
Radio Communication	100
Regulations	42-43
Remedial Reading	41, 91
Romance Languages	92-95
Rooms	27
Russian	95-96
Scientific Laboratories	109-110
Scholarships—List of	30-35
Shipley Lectures	44
Sociology	96-98
Spanish	94-95
Special Cases	43
Special Collections, Library	108-109
Student Activities Fee	28
Student Aid	29
Students' Association	101
Students' Council	101
Student Government	101-105
Student Loan Fund	29
Student Organizations	103-104
Student Publications	104-105
Swarthmore College, Cooperation with	43-44, 109
Theater Arts	100
Treasure Room, Library	108
Tuition	27
Tuition Plan	28
Unit Fee	27
Visitors and Lecturers	44
Weekend Workcamps	100
Woolman Walk	112



A MAP OF THE GROUNDS OF HAVERFORD COLLEGE

Founded by the SOCIETY of FRIENDS in 1833
Situated in Haverford Township, Delaware County, and in
Lower Merion Township, Montgomery County.
HAVERFORD, PENNA.

- ### Legend
- 1 Founders Hall
 - 2 Barclay Hall
 - 3 Roberts Hall
 - 4 Haverford Union
 - 5 Lloyd Hall
 - 6 Servants Dormitory
 - 7 Whitall Hall
 - 8 Chase Hall
 - 9 Strawbridge Observatory
 - 10 Morris Infirmary
 - 11 Mary Newlin Smith Garden
 - 12 The Library
 - 13 Tuman Beecher Hall Chem. Lab.
 - 14 The Gymnasium
 - 15 Hiles Lab. of Applied Science
 - 16 Isaac Sharpless Hall
 - 17 Cricket Pavilion
 - 18 Power House
 - 19 Walter E. Smith Grandstand
 - 20 George S. Bird Gateway
 - 21 Class of 1912 Gateway
 - 22 Class of 1906 Gateway
 - 23 Edward B. Conklin Gateway
 - 24 Merion Annex
 - 25 Merion Cottage
 - 26 Strawbridge Gateway
 - 27 The French House
 - 28 Farm Buildings
 - 29 Haverford Friends School
 - 30 Haverford Meeting House
 - 31 Williams House
 - 32 Barnall House



FOUNDERS HALL

ENELSON EDWARDS
FECIT - 1924



HAVERFORD COLLEGE BULLETIN



THIS ISSUE CONTAINS THE
REPORT TO THE PRESIDENT
1956 - 1957

VOLUME LVI

NUMBER TWO

October, 1957



REPORT OF THE PRESIDENT
presented at the
Annual Meeting of the Corporation
of Haverford College
October 18, 1957

THE ACADEMIC year 1956-57 was one of transition from the ten-year administration of Gilbert White to a new president. In this difficult interim period, Archibald MacIntosh skillfully filled the breach. Simultaneously he carried the heavy duties of Acting President and his normal responsibilities as Vice-President of the College and Director of Admissions. The Board, the College, and the President-elect owe him a debt of gratitude and it will be impossible to repay him for the self-sacrificing and tireless way he carried out his duties. It was only after I began my regular weekly visits to the College in the spring semester that I realized how heavy this load was. I will never forget the patience and co-operative spirit which he showed and the help he was to me during that period and also during my first three weeks of residence on the campus in the summer. Thanks to his efforts, the transition from the old to the new administration has been smooth and apparently effective.

The past academic year was also transitional in reference to financial contributions to the College. The Building Program had been successfully concluded and there was a wider response to a program of Annual Giving with gratifyingly successful results. The Field House was practically completed, and will be first used at the public forum meeting scheduled for tonight. Thus it is hoped that it will serve not only as a valuable contribution to the Physical Education program of the College but may also provide necessary space for large gatherings.

It is with regret that I report that this year also saw the passing of three of its best known professors emeriti. Dr. William Edward Lunt, the first Walter D. and Edith M. L. Scull Professor of English Constitutional History, died on November 10, 1956. Dr. William Buell Meldrum, John

Farnum Professor of Chemistry, while technically retired, was still an active member of the Faculty and died on December 31, 1956. Both Doctors Lunt and Meldrum were appointed to the Haverford Faculty in 1917. Dr. John Goodwin Herndon, Professor of Public Finance, Emeritus, passed away shortly after the end of the spring semester, on June 29, 1957. Dr. Herndon was first appointed to the Haverford Faculty in 1929. All three of these men had obtained a high reputation for scholarship in their respective fields, and had done much to establish the high standards for which Haverford is so well known. They will be sorely missed.

In the past few months the College has continued to receive national recognition for its scholarship and standing both in the public press and in special comparative studies on liberal arts colleges. This recognition, while satisfying at the moment, places an added burden on the new administration to meet the exacting standards set in the past.

FACULTY

There were no retirements at the end of the academic year, but two important resignations. Dr. Robert C. James, Associate Professor of Mathematics, resigned to become chairman of the mathematics department at one of the Claremont colleges, after six years of faithful service.

Track Coach Alfred "Pop" Haddleton retired after thirty-five years of faithful service and after having an enviable record behind him. His teams have won many difficult meets and he has produced several outstanding track stars.

Five members of the faculty with short term appointments were replaced by new appointments. Three temporary appointments were made to fill the gaps left by professors on leave. Three additional temporary appointments have been made until permanent replacements can be found. In addition there are six other regular full time appointments made to the faculty.

The new members of the faculty in the current year are Dr. Henry Babcock Veatch in Philosophy; Fay Ajzenberg-Selove in Physics; Harmon Craig Dunathan in Chemistry; Irving Finger in Biology; Will Lyons in Economics; Charles Ernest Mayer in Psychology; Anne

Byrd Firor Scott in History; Franklin H. Duttonhofer in Mathematics; Edward Burnett Harper in Anthropology; and Jean-Louis Curtis in French. New chairmen have recently been appointed for three of the natural science departments; Russell R. Williams in Chemistry, Aaron Lemonick in Physics, and Ariel Loewy in Biology.

During the current year, Douglas Steere is on leave for the first semester, travelling in Africa; Thomas E. Drake is on sabbatical in Europe; H. Field Haviland, Jr., was granted an additional year's leave of absence to continue his research at the Brookings Institution in Washington; Laurence W. Wylie received a Guggenheim Fellowship for study in France; Douglas H. Heath is on leave at the University of Michigan.

The faculty have been particularly active in research during the past few months. Several of its members have received substantial research grants from the National Science Foundation, the National Institute of Health or similar organizations. Important research projects are being undertaken in departments such as biology, physics, chemistry, astronomy, political science, history and economics. Dr. Elizabeth U. Green has moved her research project in cellular growth to the College. This has been jointly supported by the Jeanes Laboratory and National Institute of Health.

As a result of three requests from members of the faculty for approval to apply through the College for research grants from the Department of Defense, the Board of Managers appointed a special committee to consider policy questions related to these requests. After long and careful study by this committee, on September 27, 1957, the Board approved a policy to govern applications to the government for research purposes. While it disapproved of military research being undertaken on the campus by its faculty regardless of the source of research funds, it stated that a faculty member is and should be free to carry on such research off campus if he desires and if it does not interfere with his college duties. The Board did not approve of the College making formal application for research funds, even for non-military research, to the Department of Defense, but agreed that faculty members are free to seek funds as individuals from any source they wish. They may also use College facilities for non-military research regardless of the source of such funds. Furthermore, the Board agreed

that requests from the government to the College for research and other activity would be considered on their merit. To encourage research among the faculty and to recognize its importance at Haverford College, the Board approved of an annual appropriation from its funds for this purpose. An amount of \$10,000 was appropriated for the current year, and the president was authorized to appoint a Faculty Committee on Research to assist in the implementation of these policies.

ADMINISTRATION

After several years of faithful service as director of the publicity office, Louise Oakley resigned in the summer. Patricia MacKinnon has been appointed as her successor. Mrs. Alice M. Berry, after fourteen years of efficient and arduous service in the office of the President and as secretary to the President, also resigned this summer. She has been replaced by Katharine M. Carter. Due to the sudden illness of Ruth L. Blessing, the resident nurse, temporary arrangements have been made to fill this vacancy.

STUDENTS

In line with our practice over several years the size of the entering class was held to a number which, together with the attrition rate of the upper classes, would give us an average of 450 undergraduates for the year. The application list itself was up by five percent and the applications tended to come in earlier in the year than previously.

The well publicized flood of students is unquestionably beginning to make itself felt as the above implies; further indication is the fact that during the summer there were many more visits to the College on the part of applicants than at any time previously in the recollection of the admissions officers. There is little question but that the article on Haverford in the *Chicago Tribune* has had an effect. This is evidenced by what some of the candidates say, and by the number of letters of inquiry which mention it.

It seems reasonable to expect that the application list for the class entering in the fall of 1958 will be considerably larger than for the present year. Already the number of applications filed is double the number on file at this time last year.

The year past was in most respects a normal one as regards student activities. The Glee Club had a very busy and successful season, bringing much favorable comment from outside the College. The full extra curricular program both athletic and otherwise gives ample opportunity for the expression of the wise interests of the student body.

ACADEMIC PROGRAM

The year just completed was the first in which student performance was evaluated without a sharp distinction between "passing" and "failing." Since there was no significant change in the number of grades below 60 reported by the faculty, and few very low grades were reported, the fears expressed by some that the new system would be taken by students as an invitation to slight some of their work were not realized.

After nearly a decade of trial, the Social Science General Course was dropped by the faculty. This action necessitated some reorganization, not yet complete, of the offerings in most of the social science departments. The General Course in Physical Science, primarily a Freshman course, was also formally dropped (it had not been offered since 1954-55) and it was replaced by two separate one-semester courses in Physical Science, one primarily for majors in the natural sciences, and one, somewhat like the former Physical Science course for non-specialists in the Junior or Senior year. When they made these changes, the faculty made it clear that they are not abandoning their interest in general education, but that they believe the objectives of general education can be reached in various ways.

It was a busy year for the Curriculum Committee. In addition to recommending the changes just mentioned, the Committee passed on to the Faculty proposals for substantial changes in the offerings of several departments. These included plans, stimulated by changes in personnel, for substantial reorganization of the offerings in Chemistry. These plans were approved by the faculty. Music History, some advanced work in Anthropology, and a new course of my own on recent East Asian History, have all been added to the list of formal offerings.

Although there were many changes, the faculty was careful to adhere to its policy of limiting severely any increase in the total number of courses. In most cases, addition of a new course was accompanied

by dropping of an old.

A distinguished list of Visitors, both from this country and abroad, came to the College under the Philips Fund during the year. As was indicated in the 1955-56 Report discussions have continued on how we can make the most effective use of our Visitors. In line with the tentative conclusions of these discussions, the Visitors during the past year were drawn into course work, seminars, and conferences much more than in the past. Several of the Visitors spoke in Collection, and the Commencement speaker was a Philips Visitor.

Three books which resulted from visits to the College under the Philips Fund are of interest. During his visit in 1955, Douglas Hartree, Plummer Professor of Mathematical Physics in the University of Cambridge, prepared the manuscript of his book *The Calculation of Atomic Structures*. He was most generous in his reference to the Philips Fund and Haverford College in this book which has had wide distribution among scientists all over the world. William Warne wrote *Mission for Peace* after his experience as U. S. Commissioner in Iran. He too was generous in his mention of the Philips Fund and the College. A third book, *The United States and the Western Community*, edited by H. Field Haviland, Jr., is the result of visits of a number of distinguished visitors who spoke at the College individually on their particular areas of specialization in foreign relations and later met here as a group.

The Strawbridge Observatory has continued to be of service to the community as well as to the College. During the past year, a total of eight hundred visitors came to the Observatory during the twenty-one nights it was open to the public.

PLANT, BUILDING AND GROUNDS

The Field House has been completed and will be used first in connection with the Inauguration ceremonies. Immediately thereafter it will be available for use in the physical education program for which it was designed. Movable stands have been installed, the basketball courts have been finished, electrical installations are completed and the track is practically ready for use. Other improvements in buildings on the campus include the complete renovation of a room to keep animals for experimental purposes for the Biology and Psychology

departments. Improvements have been made in the Chemistry laboratories to increase their safety. There has been the usual amount of painting of buildings and routine repairs with some minor structural changes to prevent deterioration. The President's house on College Circle has been completely renovated and made into an exceedingly comfortable and attractive college home. My wife and I wish to thank the Board for making this possible.

To assist in preserving the beauty of the trees and shrubs on the College grounds as well as to plan for future plantings, Stevenson Fletcher has been appointed an adviser on landscape architecture. He has already inaugurated a new program to preserve the trees on the campus and to improve the beauty of the nature walk. To meet requirements of the insurance companies and to disturb the beauty of the landscape as little as possible, a split rail fence has been erected around the skating pond.

While the campus suffered from the extended drought throughout the summer, it is believed that there was only a minimum of damage to the shrubs and practically none to the trees. The lawns have already come back as a result of fall rains.

ANNUAL GIVING

The first completed Annual Giving drive since the close of the Building Program in 1955 had demonstrated that Haverford's friends are prepared to help support the College's current operations at a far higher level than in the past. The phrase "Living Endowment" describes the utility of this program for the College. Since nearly 1700 Alumni, parents and other friends gave \$82,000 and surpassed the \$75,000 goal set by Chairman John S. Williams, it appears that the concept is understood and that the donors recognize the importance of this program. Incidentally the \$82,000 figure includes the amount contributed by members of the Class of 1907 toward a special gift but does not include reunion gifts of the Classes of 1932, 1933 and 1934. The number of Alumni donors was more than 15 per cent larger than for any single previous year of giving and the "Teachers, Students, Books" endowment campaign of 1949.

The results of the drive are to be seen in the departmental budgets

for Biology, Physics and Psychology as well as in the personal budgets of each member of the faculty. In addition, for the first time since 1952 it has not been necessary for the College to use its general funds to underwrite the costs of the Alumni Association's program.

Still there is clear evidence that Annual Giving can do even more to strengthen the College program in the face of mounting costs and pressing needs. The average amount contributed this year was not up to the national average for Alumni of the men's colleges. While our alumni participation figure of 46 per cent is well above average, there are twenty-six other colleges that have done better. In short, we have made an excellent beginning, and we are ready now to move ahead under this year's chairman, Arthur R. Kane, Jr. '36.

SUMMARY

In concluding this report of the activities of the College during the past year, it would be impossible to over-emphasize the invaluable role played by Archibald MacIntosh as Acting President. As already indicated, important progress was made in appointments to the faculty, increases in faculty salaries, new changes in the curriculum, the improvement of College buildings and the smooth operation of all aspects of college life.

As the College enters its 125th year, under a new administration, we have important problems remaining to be solved. A few of these are the tremendous pressure on colleges to enlarge, due to a rapid rise in the number of students wanting to enter college; the need to raise faculty and staff salaries in general; the demands of industry, government and other universities on faculty members in all branches of study challenging the present salary scale; the establishment of a proper balance between research and teaching for a modern liberal arts college; the special role of a Quaker liberal arts institution in the deeply disturbed world in which we live, and the inadequacy of the traditional curriculum to train our students for the role they are expected to play in the present world. These problems will continue to receive a thorough examination in the hope that in attempting their solution Haverford's picture will be even brighter.

STATISTICS FOR REPORT OF THE PRESIDENT

1956-1957

ENROLLMENT

Fall Semester, 1953	479
Spring Semester, 1954	468
Fall Semester, 1954	472
Spring Semester, 1955	451
Fall Semester, 1955	465
Spring Semester, 1956	456
Fall Semester, 1956	458
Spring Semester, 1957	441
Fall Semester, 1957	455*
*Undergraduate Students	451
Graduate and Special Students	4

COMPOSITION OF THE STUDENT BODY FALL SEMESTER, 1957

The student body represents 30 states. The following foreign countries are represented: Argentina, Lebanon, Cuba, France, Germany, Hungary, Japan, Liberia and Switzerland.

Students who are members of the Society of Friends number 59, or 13 percent of the total enrollment.

REGISTRATION IN ACADEMIC COURSES

Department	Registration*								
	1957	1956	1955	1954	1953	1952	1951	1950	1949
Astronomy	32	36	26	41	41	48	26	23	19
Biblical Literature .	41	62	42	40	35	39	38	42	37

*Statistics show the course registrations for the Fall Semester of each year

REGISTRATION IN ACADEMIC COURSES

	1957	1956	1955	1954	1953	1952	1951	1950	1949
Biology	117	156	141	95	42	35	54	36	64
Chemistry	149	185	184	199	206	190	169	177	162
Economics	112	122	123	140	132	76	153	139	169
Engineering	33	23	31	24	32	33	34	37	50
English	341	302	303	323	312	364	367	411	412
French	126	127	128	119	106	102	91	94	99
German	105	90	87	91	108	118	113	96	123
Greek	15	14	23	22	14	27	44	31	25
History	136	121	99	106	110	117	115	137	166
History of Art	31	25	36	39	38	30	26	15	15
Latin	29	37	18	20	13	11	8	5	6
Mathematics	164	154	153	135	177	151	177	152	207
Music	31	26	15	22	16	19	12	19	13
Philosophy	131	148	174	183	184	171	177	218	235
Physics	94	74	97	80	68	83	51	77	57
Political Science ...	197	128	138	146	130	179	159	138	178
Psychology	111	84	102	92	123	108	118	137	108
Russian	8	6	7	8	12	16	14	6	9
Sociology	110	55	65	69	77	51	66	49	95
Spanish	41	54	50	48	51	54	54	58	57

General Courses

East Asia Studies ..	32								
Humanities	78	102	93	91	47	61	70	80	35
Physical Science ...	8								

**Statistics show the course registrations for the Fall Semester of each year.*

HAVERFORD STUDENTS AT BRYN MAWR

Classical Archaeology	1
Chemistry	1
Economics	1
Education	1
English	3
Geology	3
History	6
History of Art	11
Italian	2
Latin	2
Music	5
Russian	4
Sociology & Anthropology	1
Spanish	4

University of Pennsylvania

Oriental Studies	1
----------------------------	---

DEGREES GRANTED, JUNE 7, 1957

B.A.	96
B.S.	13
M.A.	1

ELEVEN]

COLLEGE VISITORS

1956-1957

Collection Speakers

- John Baillie, Dean of the Faculty of Divinity, Edinburgh University
Hugh Borton, Director, East Asian Institute, Columbia University
Ernst H. Buschbeck, formerly Director, Kunsthistorisches Museum, Vienna
Bosley Crowther, *The New York Times*
*John T. Edsall, Professor of Biochemistry, Harvard University
Paul Engle, poet
Harry Francis, Director, The Harvard Mountaineering Club
*Robert Gardiner, Permanent Secretary for Housing in the Gold Coast Government
Douglas Horton, Dean, Harvard Divinity School (Library Lecture)
Mrs. Lois Irish, National Scholarship Service and Fund for Negro Students
Mr. and Mrs. Alphonse Miller, American Friends Service Committee, Phila.
Clyde R. Miller, propaganda analyst
Wright Morris, novelist
Francis J. Quinn, Assistant Professor of English, Haverford College
Branch Rickey, formerly General Manager, Pittsburgh Pirates Baseball Club
Norman Rockwell, artist
*B. F. Skinner, Professor of Psychology, Harvard University
*Norman M. Thomas, leading Socialist
Randall Thompson, Chairman, Department of Music, Harvard University
*Gilbert F. White, Professor of Geography, University of Chicago

Departmental and General Visitors

- Andreas Alföldi, Institute for Advanced Study, Princeton University
*Gordon W. Allport, Professor of Psychology, Harvard University
*Solomon E. Asch, Professor of Psychology, Swarthmore College
*Maynard Barnes, Brookings Institution; former United States Ambassador to Bulgaria
Monroe C. Beardsley, Associate Professor of Philosophy, Swarthmore College
*Lucien Bernot, Conseil National de la Recherche Scientifique
*Hugh Borton, Director, East Asian Institute, Columbia University
Donald Brown, Assistant Professor of Psychology, Bryn Mawr College
*David Butler, Dean, Nuffield College, Oxford University
Robert Clark, Clinical Director, Friends Hospital, Philadelphia
*Henry Steele Commager, Professor of History, Columbia University
Paul Chombart de Lauwe, Director, Centre d'Ethnographie Sociale, Paris
Ramey Donovan, Chief Law Officer, Philadelphia Region, National Labor Relations Board

- *Paul H. Douglas, United States Senator from Illinois
- *John T. Edsall, Professor of Biochemistry, Harvard University
- Dorothy Emmett, Professor of Philosophy, University of Manchester
- *Ralph O. Erickson, Professor of Botany, University of Pennsylvania
- *René Fülöp-Miller, Professor of Sociology, Hunter College
- *Robert K. A. Gardiner, Permanent Secretary for the Housing Ministry of the Gold Coast (Ghana)
- *Robert Hartley, Director, International Studies, Brookings Institution
- William P. Holden, Department of English, Yale University
- *Masotsha Mike Hove, Member, Federal Assembly of the Federation of Rhodesia and Nyassaland
- *Pierre Idiat, Conseil Nationale de la Recherche Scientifique
- Edward G. Janosik, Associate Professor of Political Science, University of Penna.
- Walter Kaufmann, Associate Professor of Philosophy, Princeton University
- *Wolfgang Köhler, Professor of Psychology Emeritus, Swarthmore College
- *Polykarp Kusch, Professor of Physics, Columbia University
- Paul Lazarsfeld, Professor of Sociology, Columbia University
- William M. Lee, Assistant Treasurer, First Pennsylvania Banking and Trust Company
- *Willard F. Libby, Professor of Chemistry, University of Chicago
- *Marcel Maget, Director, Laboratoire d'Ethnographie Française du Musée des Arts et Traditions Populaires
- Thomas McConnell, 3rd, Vice President, C. Schmidt and Son, Philadelphia
- *Robert K. Merton, Professor of Sociology, Columbia University
- *Alfred Métraux, Associate Director of Social Sciences, UNESCO
- *Rhoda Métraux, Research Fellow, Cornell University Medical College
- William Miller, Business Representative, Plush and Velvet Workers Local 33, Philadelphia
- Ernst Erich Noth, Professor of Comparative Literature, University of Oklahoma
- Milt Okun, ballad singer (Shipley Lecture)
- *John Oxtoby, Professor of Mathematics, Bryn Mawr College
- *Julian Pitt-Rivers, Visiting Professor of Anthropology, University of California
- *Hans Rademacher, Professor of Mathematics, University of Pennsylvania
- Paul Ricoeur, Professor of Philosophy, The Sorbonne
- Robert Rupin, Assistant Professor of Political Science, Bryn Mawr College
- Judson T. Shaplin, Associate Dean, Harvard Graduate School of Education
- *B. F. Skinner, Professor of Psychology, Harvard University
- *John C. Slater, Institute Professor of Physics, Massachusetts Institute of Technology
- Ernest Stahler, Chairman, Master of Arts in Teaching Program, Wesleyan University
- Eliot Stellar, Associate Professor, Neurological Institute, University of Penna.
- Raymond Thompson, Professor of Anthropology, University of Hawaii
- J. B. Ward-Perkins, Director, British School in Rome
- *Victor F. Weisskopf, Professor of Physics, Massachusetts Institute of Technology
- William Wheaton, Professor of Planning, University of Pennsylvania
- *Phillips Visitor

REPORT OF THE LIBRARIAN

1956-1957

In the light of goals set in the "Statement of Long-Range Objectives in the Development of the Haverford College Library" (March 1956), progress may be reported in three principal areas in 1956-57.

Conservation of Shelf-Space

The Physics Department has undertaken and completed a thorough review of our Library holdings in physics. They have identified several long runs of periodicals as being of no further use in the teaching and study of physics at Haverford; these periodicals have been sold. Many gaps in our physics collection were revealed during the Department's survey, and these gaps are now being filled, on funds received from the sale of periodicals. Beyond this, the Physics Department has singled out many completely outdated and unusable volumes from their collection for discard.

The result of this painstaking and thorough review has been both an immensely enriched and vitalized Library collection in physics and an incentive to other departments to conduct similar appraisals of their collections. The departments of Economics, Biology, and History have already taken action to eliminate volumes in these fields which have distinctly outlived their usefulness.

In the coming year two further steps must be taken toward controlling the balance of our Library collections and conserving shelf-space. (1) Several large collections in the stacks must be moved to make more economical use of the shelf-space there, and (2) a start must be made on what will be a large and continuing process of exchanging many of our less-used long sets and periodical runs for microprint and microcard reproductions.

Orientation

Two steps have been taken in the past year toward improving student orientation to the Library. A guide-leaflet has been prepared to introduce newcomers to the Library, giving instructions in how to find a book, how to sign out a book, rules governing outside bor-

rowing, etc. Matching this, a research and reference manual (*A Guide to the Preparation of Research Papers*) has been revised to guide students in more advanced research in the Library.

We still have before us the task of developing actual instruction sessions in the use of the Library, both for entering freshmen and for juniors just embarking on their fields of major concentration.

Technical Procedures

At the Circulation Desk of the Library a new charging system has been introduced as of September 1957. It represents a change from the double-entry system previously in use to a single-entry system, and it provides a substantial saving in staff time.

For the coming year, the major project in improving our technical procedures is the writing of a Staff Manual, to describe and record all of our technical processes and readers' services. A detailed and accurate guide to each phase of our Library operations has long been needed.

STAFF

There were three resignations from the Library staff in the past academic year. Mrs. Pauline Axelsson and Mrs. Sarah Caspar resigned owing to the pressure of other duties. Mrs. Esther Friedrich left her position as head of the Periodical Department owing to the appointment of her husband to the staff for the year 1957-58. To fill vacancies left by these losses, Miss Lydia Cotterill has joined the staff as Secretarial Assistant (January 1957), Mrs. Martha Schellenger as supervisor of the Reserve Book Room (September 1957), and Mrs. June Robbins as head of the Periodical Department (September 1957). To complete the task of cataloging the back-log of Quaker pamphlets and manuscripts, Mrs. Virginia Martinson and Mrs. Evelyn Lyons have joined the staff on a part-time basis as of October 1957. Their work has been made possible through the generosity of the Thomas H. and Mary Williams Shoemaker Fund.

For the coming year the Library staff will also have the services of Prof. Gerhard Friedrich as Associate Librarian. Gerhard Friedrich

will survey a number of our special collections — of maps and atlases, Haverfordiana, mysticism, and rare books — and will make recommendations as to the best ways and means of bringing those collections into the most direct and meaningful relationship with our Library operations as a whole. Gerhard Friedrich's expert training in library science and his wise judgment as to the proper rôle of the Library in the Haverford community will be of great value in solving problems that have long needed solution.

It is fitting in this place to record my personal satisfaction with the size and quality of our present Library staff, and more particularly to record my gratitude to the College administration in meeting staff needs of which we had become acutely conscious in the recent past. The addition of a new-full-time cataloger to the Library staff as of 1956-57 has enabled us to clear away virtually all of a large back-log of cataloging of gifts that had accumulated for many years. At the same time we have kept well up with the processing of current acquisitions. It is deeply satisfying to know that we now have the staff to regain full and competent control of all current operations as well as of the tasks of inventory, mending, binding, and maintenance that must be kept up to the mark in any living library collection.

GIFTS RECEIVED

To list all of the gifts of service, funds, books and periodicals which came to the Library in 1956-57 would occupy more pages than can be allotted to this annual report. The following enumeration lists only a few of the countless volumes to the Library by 138 donors during the past year.

From Carlos Barraza, '49, a year's subscription to the periodical *Visión*.

From H. Tatnall Brown, Jr., '23, a collection of 16 current titles, several pamphlets and many autographed letters.

From Miss Margaret Conklin, a splendid collection of Haverfordiana, including several unique programs, pamphlets and pictures.

From Franklin Day, four volumes of Stendhal, in the excellent Le Divan edition.

From John Dixon, '53, a year's subscription to *ETC*.

[SIXTEEN

- From Frank M. Eshleman, '00, 8 group pictures of Haverford students and faculty.
- From H. Haines Fenimore, many issues of the *The Friend: A Religious and Literary Journal* of the early nineteenth century.
- From Bernard Hollander, '37, a monetary gift for the purchase of books in memory of Edward L. Hawkins, '37.
- From Allen S. Joslyn, '58, a first edition of D. H. Lawrence's *Lady Chatterley's Lover*.
- From Captain and Mrs. Tracy B. Kittredge, 307 volumes in foreign policy and diplomatic history, given in memory of their son John, '54.
- From Philip L. Leidy, '16, 46 works of current fiction and non-fiction.
- From John Macfie, the collected works of Thomas Chalkley, 1751.
- From Mrs. Archibald MacIntosh, the collected works of Abraham Cowley, 1684.
- From Joseph Mamana, three early McGuffey readers and several Quaker pamphlets.
- From Mrs. Marguerite Crespi Marsh, 89 books in American and British literature.
- From the Österreichischen Kulturinstitut, 197 volumes of literature and classics of Austria.
- From Charles C. Pancoast, 3rd, '45, a monetary gift in memory of his father.
- From Kenneth Putnam, '60, Thomas Chalkley's *Journal* (2d edition, 1751).
- From William Reitzel, '22, 38 volumes in French literature and economic history, and a valuable collection of typed transcriptions of unpublished letters of William Cobbett (1763-1835).
- From Mrs. Fred Sharpless, 12 photographic plates of past Haverford classes.
- From Arthur W. Silver, '27, two long series of back issues of the *Manchester Guardian Weekly* and *Times Literary Supplement*.
- From John A. Silver, '25, Raynal's *Histoire Philosophique et Politique* (1781), in 10 volumes.
- From Mrs. Letitia H. Smith, 64 volumes of Haverfordiana and general literature.

From John J. Stoudt, '33, 175 volumes, chiefly in the fields of mysticism, pietism, and German theology.

From Mr. and Mrs. Emmett R. Tatnall, 300 volumes of general literature, most non-fiction.

From Joseph C. Taylor, two folio volumes of Leech's *Pictures of Life and Character*.

From Charles Warner, Jr., '23, several publications of the Brookings Institution.

From William Webb, '13, many books, pamphlets, clippings, and miscellaneous publications on cricket.

From Miss Allison Wesley, several volumes of current non-fiction.

From Mrs. S. B. Champion Wood, a long series of back-issues of *Life* magazine.

In addition to such tangible gifts as these, special mention should be made of the full year of work which Charles N. Welsh, '51, has given in assisting our Library staff. His conscientious and thoughtful help has played a large part in getting us through a considerable back-log of uncataloged gifts in the past year. John J. Stoudt, '33, has continued to provide valued guidance in the development of the Rufus Jones Mysticism Collection, to which he has made substantial additions from his own and his father's library. Captain and Mrs. Tracy B. Kittredge have established, in memory of their son, the John Anson Kittredge Fund for the purchase of books in international relations and foreign policy; Miss Margaret Conklin has established a similar fund for the fuller organization and development of our Haverfordiana Collection.

To all of these donors the Library owes a deep debt of gratitude. Their gifts give us assurance of the usefulness of the Library to the Haverford community, and added faith that our collections and services will continue to grow in the future.

GIFTS TO OTHER LIBRARIES

Each year the Library is called upon, by individuals, institutions, and large book-collecting programs, to make charitable contributions of books, by solicitation or from its own duplicate collections. Last year we were able to make seven such donations.

To the Books Abroad Campaign of the World Affairs Council, 85 books.

To the Books for Asian Students program, 25 books.

To the newly-founded Cabrini College, Rancor, Pa., 1000 volumes in history and general literature from our Duplicate Collection.

To the New York Public Library, a long run of back-issues of the Brazilian newspaper, *Diario de São Paulo*.

To the St. Francis Mission, South Dakota, 25 books.

To Prof. Francisco Tellez, Malaga, Spain, textbooks in biology and mathematics.

To the Textbooks for Korea program, 15 books.

Several incidental details of Library operation in 1956-1957 may be mentioned in closing. A long overdue inventory was taken of all the books in the Stacks of the Library during the recent summer months. It revealed rather dramatically a disturbing laxness in students' adherence to Library borrowing rules and procedures. Measures are being taken to remedy this apparent deficiency in the students' respect for books in general and the intellectual rights of their classmates in particular.

Substantial headway was made in acquiring reference works for which the "Statement of Long-Range Objectives" had revealed a serious need. And a start was made on the heavy program of rebinding much-used volumes in our Reference Collection.

Finally, under the spirited direction of Prof. Dean P. Lockwood, the Library Associates completed another notably successful year, of four meetings in the Treasure Room, of generous gifts of books and funds to the Library, and of widening the circle of friends of the Haverford Library among our neighboring communities.

JOHN A. LESTER, JR.

STATISTICS FOR REPORT OF THE LIBRARIAN

1956-1957

Growth of Collections

Total number of volumes (as of August 31, 1957)	207,477
Number of volumes added in 1956-1957:	
By purchase	2,155
By gift	1,123
Government Depository	299
Number of books discarded	520

Circulation

Faculty and staff borrowings	2,917	
Students	11,590	
Outside borrowers	4,471	
Total		18,978
Books charged out to carrels	693	
Total		19,671

Reserve Book Room

Books put on reserve		2,013
Reserve book circulation:		
Library use	11,248	
Overnight	2,088	
3-day	131	
Total		13,467

Interlibrary Loan

Borrowed	309
Loaned	612

[TWENTY

REPORT OF THE CURATOR OF THE QUAKER COLLECTION

1956-1957

A review of the continuing responsibilities of the Treasure Room would run something like this: greeting and being of service to visiting inquirers and scholars; providing books for students regarding the Society of Friends and for members of Professor Henry J. Cadbury's course on the History and Philosophy of Quakerism; answering inquiries by telephone and mail; introducing the Sophomore Class to the history and character of the Quaker Collection; playing host to the Library Associates, to parents on Spring Day, and to the Seniors and Alumni in June; keeping the exhibit cases filled with Quakeriana, Haverfordiana, rare books from the Philips Collection, and manuscripts from the Roberts Collection; working on the programs of Friends Historical Association, of which your Curator currently serves as President; and on the subscription lists and proof of the Bulletin, of which Miss Hewitt is Assistant Editor; arranging for photostating or microfilming of rare volumes and unique letters for scholars, libraries, and for such projects as the Benjamin Franklin Papers, and the American Antiquarian Society's microprint series of American books before 1800; and, of course, ordering, receiving and cataloguing the books and manuscripts which come to the Quaker Collection by purchase and gift. These constitute the day-to-day routine of the Treasure Room staff.

The major project of the past year has involved the task of cataloguing an accumulation of manuscripts, Quaker and non-Quaker. A grant from the Shoemaker Fund enabled us to employ Lucille F. Reill for this task, which proceeded with gratifying speed until Mrs. Reill found it necessary to discontinue working on April first. She finished many of the larger collections, including the papers of Henry Hartshorne, Moses Brown of Philadelphia, Joshua L. Baily, and Richard Mott; she also catalogued the autographs presented by Felix Morley and Gilbert F. White, as well as the William Pyle Philips set of Signers of the Declaration of Independence. Under the guidance of Anna B. Hewitt, Mrs. Reill processed hundreds of single items or small collections, to a total number of approximately 3500 manuscripts in all.

If additional funds can be found in the current year, we hope to continue the special work of cataloguing the books and manuscripts, with the part-time assistance of Mae E. Craig. In the absence of the Curator on sabbatical leave in 1957-58, Mrs. Craig's skilled aid will be of great help to Miss Hewitt, who will be in charge of the Treasure Room.

Necessities of time and space require us to condense most of these activities and most of our gifts into cold statistics, but even they will indicate that the Quaker Collection at Haverford is growing in size and in the service it renders to the College, to scholarship and to the Society of Friends.

THOMAS E. DRAKE

STATISTICS FOR REPORT OF THE CURATOR OF THE QUAKER COLLECTION 1956-1957

Number of books accessioned	89
Number of books catalogued	90
Number of manuscripts received by gift or purchase	955
Number of manuscripts catalogued	3500
Research workers who visited Treasure Room	23
Number of casual visitors	1260

MORRIS INFIRMARY Report for the Year 1956-57

1955-56

The report for the house patients is as follows:

House patients admitted	67	82
Total time (days)	249	177

Diseases are classified as follows:

Grippe and respiratory	33
Intestinal	12
Joint conditions	3
Miscellaneous	9

Total number of dispensary patients:

Medical	2,671	2,054
Surgical	388	387
	<u>3,059</u>	<u>2,441</u>

WILLIAM W. LANDER, M.D.

PUBLICATIONS AND ACTIVITIES OF THE FACULTY 1956-1957

ASHMEAD, JOHN, JR.

Reviews: Donald Richie, *This Scorching Earth*, in *Journal of Asian Studies*, 16, No. 2 (February 1957), 324-325.

A. Irene Reiser, *The Dwarf Pine*, in *Journal of Asian Studies*, 16, No. 2 (February 1957), 325-326.

Visiting Professor of English, Athens College, Athens, Greece 1956-1957.

BARATZ, MORTON S.

Articles: "Characteristics of New Residential Construction in the Philadelphia Metropolitan Area, 1956," *Institute for Urban Studies, Univ. of Penna.*, January 1957.

Lectures: "Political Aspects of Giant Corporations," paper read at Conference of Pennsylvania Economists, Bucknell University, 14 June 1956.

"The American Economy: Strengths and Weaknesses," Frankford Friends Meeting, 1 November 1956.

Consultant, Eastwick Housing Market Analysis, Institute for Urban Studies, University of Pennsylvania.

Consultant, Evaluation Project, Office of the Development Coordinator, City of Philadelphia.

BENHAM, THOMAS A.

Chairman of Board, Penna. Assoc. for the Blind.

Director, Science for the Blind.

Editor, *Science Recorded*.

Principal Investigator, Travel Aids for the Blind, Veterans' Administration.

Senior member, Institute of Radio Engineers.

BERNHEIMER, RICHARD

Articles: "Theatrum Mundi," *Art Bulletin* (Dec. 1956), pp. 225-247.

Lectures: "The Origin of Piranesi's Prisons," National Gallery, Washington, D.C.

BUTMAN, ROBERT

Lectures: Series of monthly lectures, Washington Book Club, on *Macbeth*, *Utopia*, *Waiting for Godot*, *Emma*, *The Horse's Mouth*, *Songs of Innocence & Experience*, *Camus' The Fall*, etc.

CADBURY, HENRY J.

Books: *Quakerism and Early Christianity* (Swarthmore Lecture), London: Allen and Unwin, 1957.

The Apocrypha of the Old Testament, Revised Standard Version (joint translator), New York: Thomas Nelson, 1957.

Pamphlet: *The Place of Friends Among the Churches*, Plainfield, Indiana, 1957, 8 pp.

Articles: "Les Vues du Quakerisme," *Jeunesse du Monde* (Sept., 1956); also in seven other languages in the national organs of World Youth.

"'We' and 'I' passages in Luke-Acts," *New Testament Studies*, III (1957), 128-132.

Articles: "Hannah Callowhill and Penn's Second Marriage," *Penna. Magazine of History and Biography*, LXXXI (1957), 76-82.
 "A Liberal Approach to the Bible," *Journal of Religious Thought* (1957), 119-128.
 Reviews: *Die Apostelgeschichte*, by Ernst Haenchen, in *Journal of Biblical Literature*, LXXVI (1957), 65-66.
Studies in the Acts of the Apostles, by Martin Dibelius, in *Journal of Religious Thought*, XIV (1957), 64-65.
William Penn, A Biography, by C. O. Pearce, *Penna. Magazine of History and Biography*, LXXXI (1957), 319-320.
 Editorial Work: "Briefer Notices" and "Research in Progress," departments in *Bulletin of Friends Historical Association*.
 "Letters from the Past," occasional column in *Friends Journal*.
 Lectures: "The Historical Jesus since Schweitzer," The Edward Cadbury Lectures (eight), The University of Birmingham, England. "The Swarthmore Lecture (1957)," London Yearly Meeting, and also at York, England. "The Rendel Harris Lecture (1957)," Woodbrooke, Selly Oak, Birmingham, England. "The Quaker Lecture (1957)," Western Yearly Meeting, Plainfield, Indiana. Lectures at Hillerød, Denmark; University of Cambridge, England; Hull University, England; Philadelphia Classical Club; Annual Dinner, New Testament Club, Union Theological Seminary; New York Fellowship of Reconciliation.
 Preaching Engagements: State Teachers College, Cheyney, Penna.; Christ Church, Quaker Hill, Pawling, N. Y.
 Chairman, American Friends Service Committee, and its Board of Directors.
 Chairman, Directors of Bryn Mawr College.
 Director, Board of Friends Historical Association.
 Member, Revised Standard Bible Committee.
 Lecturer, Pendle Hill.

CADBURY, WILLIAM E., JR.

Reviews: H. Eyring, C. J. Christensen, and H. S. Johnston, *Annual Review of Physical Chemistry*, Vol. 7, 1956. *J. Chem. Educ.* 34, A 135 (1957).
 Lectures: "Criteria for Admission to Medical School," panel, sponsored by A.A.A.S. and others, Cornell University Medical College, New York.
 "Preprofessional Education in the Liberal Arts College," Lake Forest College Centennial Celebration, Lake Forest, Illinois. "What should be the content of basic college preparatory courses in the sciences and mathematics?" panel, Baldwin School, Bryn Mawr, Pa.
 Participant, member of Subcommittee IV of the planning committee, and leader of panel discussion, 1956 Institute of the Association of American Medical Colleges, Colorado Springs, Colorado Nov. 7-10, 1956.
 Member, Committee in Charge of Westtown School.
 Treasurer, American Conference of Academic Deans

CARY, JOHN R.

Lectures: "Stifter and Shakespeare," American Association of Teachers of German, Washington, D.C.

Member, Board of Managers, Pendle Hill.

Member, Board of Overseers, William Penn Charter School.

Secretary, American Committee for Freundschaftsheim, Bückeburg, Germany.

COELHO, GEORGE

Lectures: "The Role of Perception of the Threat in Influencing Behavior," Professors' Seminar, Friends Committee on National Legislation, Washington, D.C.

COMFORT, HOWARD

Lectures: "Greek Historiography," History Seminar, Haverford College.

"Roman Historiography," History Seminar, Haverford College.

"Roman Pottery," Spring Day, Haverford College.

"Roman Imperial Ceramics," Univ. of Pennsylvania, Classical Archaeology 603.

Clerk, Philadelphia Yearly Meeting on Worship and Ministry.

Counsellor, Alliance française, Philadelphia.

Director, Amer. Philological Association.

Director, Carl Schurz Memorial Foundation.

Member Committee on Fulbright Awards to Greece, Inst. of International Education.

President, Phi Beta Kappa, Haverford Chapter.

deGRAAFF, FRANCES

Reviews: *Nezakonchennaya Rukopis*, by I. A. Bunin, O Chekhov in *Aatseel Journal*, XIV, (December 15, 1956), 112-114.

Lectures: "Chekhov and Politics," Slavische Studievereniging, Amsterdam, Holland.

"Soviet Literature," Netherlands Student Sanatorium, Laren, Holland.

DRAKE, THOMAS E.

Articles: "A Quaker Foundation Aids Haverford's Quaker Collection," *Friends Journal*, (October 6, 1956), 639-640.

"Trace Commager's Influence as an Outstanding Historian," *Haverford News*, XLVIII (April 29, 1957), 4.

Reviews: *Elias Hicks, Quaker Liberal* by Bliss Forbush, in *Pennsylvania Magazine of History and Biography*, LXXX (October, 1956), 525-526.

The Province of West Jersey, 1609-1702: A History of the Origins of an American Colony by John E. Pomfret, in *Bulletin of Friends Historical Association*, XLV (Autumn Number, 1956) 120-122.

The Quaker Persuasion, Yesterday, Today, Tomorrow. A Handbook for Friends and Friends of the Friends, by William Wistar Comfort, in *Friends Journal*, III (January 26, 1957), 50.

President, Friends Historical Association.

FLIGHT, JOHN W.

Lectures: "The Dead Sea Scrolls," Corinthian Society, Bryn Mawr Presbyterian Church
"The Sermon on the Mount," Women's Association, Bryn Mawr Presbyterian Church.

"Archaeology and the Bible," Young People's Group, Medford Meeting, Medford, N. J.

Preaching Engagements: Unitarian Fellowship, Riverton, N. J., and Merchantville, N. J. Unitarian Fellowship, Springfield, Penna.

Member, Committee on Research and Special Committee on Annual Meetings and Program, Society of Biblical Literature and Exegesis.

FRIEDRICH, GERHARD

Books: *The Map Within the Mind*, New York: Exposition Press, 1957, 64 pp.

Articles: "A New College Course in American Literature," *College English* XVIII (January 1957), 212-214.

"A Major Influence on Theodore Dreiser's *The Bulwark*," *American Literature*, XXIX (May 1957), 180-193.

"The Dreiser-Jones Correspondence," *Bulletin of Friends Historical Association*, XLVI, (Spring 1957), 23-24.

"The Genesis of Michael Drayton's Ode 'To the Virginian Voyage'," *Modern Language Notes*, LXXII (June 1957), 401-406.

"The Gnomonic Clue to James Joyce's *Dubliners*," *Modern Language Notes*, LXXII (June 1957), 421-424.

"Report on the Second Haverford Conference on English Composition and Literature, June 27 to 30, 1957." 9 pp.

Through These Gates. Impressions of the College, Reprinted from Haverford News.

"The Perspective of Silence," *Friends Journal*, III (January 12, 1957), 18.

"The Penguin," *Educational Forum*, XXI (January 1957), 142.

"Landscape," *Friends Journal*, III (January 5, 1957), 8.

"Descent Into Sun Valley," *New York Times* (January 15, 1957), p. 28.

"Forest Fire at Black Butte Summit," *New York Times* (March 19, 1957), p. 36.

"Sensation Is Soliloquy," *Friends Journal*, III (April 16, 1957), p. 219.

"April Night," *Christian Century*, LXXIV (April 10, 1957), p. 408.

"Grand Canyon, Arizona," *Educational Forum*, XXI (May 1957), 408.

"Two Poems: Four-Thirty by the Clock; Whose Name I Do Not Now Recall," *Approach*, No. 24 (Summer 1957), 8-9.

"Four-Thirty by the Clock," *New York Times Book Review* (July 21, 1957), p. 2.

"This Garden," *Christian Century*, LXXIV (August 7, 1957), 941.

"Proem," *Personalist*, XXVIII (Autumn 1957), 346.

Lectures: "The Peculiar Language of Poetry," Conference on College Composition and Communication, Chicago. "The Map Within the Mind: A Reading of Poems," Bryn Mawr-Haverford Young Friends Forum. "Report on the Advanced Placement Program Examination in English Composition," National Conference on English Composition and Literature, Haverford College.

Chairman, Panel on the Problem of Creative Writing in College Courses, Conference on College Composition and Communication, Chicago, March 21, 1957.

Consultant, Ann Arbor Conference on English Composition and Literature.

Coordinator, Harvard-Wesleyan-Yale Colloquium on Teaching as a Career, Haverford-Bryn Mawr-Swarthmore, November 12, 1956.
Director and Chairman, National Conference on English Composition and Literature, College Entrance Examination Board Advanced Placement Program, Haverford College, June 27-30, 1957.
Examiner in English Composition, College Entrance Examination Board Advanced Placement Program.
Member, Commission on Advanced Standing.
Member, Publications Committee, Pendle Hill.

GREEN, LOUIS C.

Articles: "Ground-State Wave Functions for He I and H- Obtained by the Superposition of Central Field Functions" (with Carolyn D. Chandler and Patricia P. Rush), *Physical Review*, CIV (December 15, 1956), 1593-1595.
"Oscillator Strengths and Matrix Elements for the Electric Dipole Moment for Hydrogen" (with Patricia P. Rush and Carolyn D. Chandler), *Astrophysical Journal Supplement Series* Supplement Number 26, III (April 1957), 37-50.
Editorial Work: Reader for the Harvard University Press.
Lectures: "Comets," Astronomy Course at the Franklin Institute, Philadelphia.
"Descriptive Astronomy," course offered by the Main Line School Night Association.
"The Calculation of Atomic Wave Functions," Department of Mathematics and Applications of the International Business Machines Corporation, New York.
Honors Examiner, Swarthmore College.
Member Executive Committee of the Greater Philadelphia Branch of the Federation of American Scientists.
Member, National Research Council Committee on Line Spectra of the Elements.
Member, Sub-Commission on Intensity Tables of the International Astronomical Union.

GUTWIRTH, MARCEL M.

Articles: *New Light on Molière* by John Cairncross, in *Modern Language Notes*, LXXII (May 1957), 389-392.

HAVILAND, H. FIELD, JR.

Books: *Administrative Aspects of United States Foreign Assistance Programs*. Washington, D.C.: United States Government Printing Office, 1957, 124 pp.
"Regulation of International Commerce," *Strengthening the United Nations* New York: Harper, 1957.
Editor, *The United States and the Western Community*, Haverford: Haverford College Press, 1957, 161 pp.
Editorial Work: Member, Board of Editors, *International Organization*.
Lectures: "Administrative Aspects of U.S. Foreign Assistance Programs," Political Science Faculty, University of Michigan, Ann Arbor.
"Administrative Issues Regarding U.S. Foreign Aid," National Conference on Economic and Social Development, Washington, D.C.
"New Developments in the UN," Institute on World Organization, Washington, D.C.

"Organization of the Federal Government to Deal with Foreign Policy," Institute of Humanistic Studies for Business Executives, University of Penna.

"International Organizations as Instruments of U.S. Policy," Army War College, Carlisle, Penna.

Panel member, Annual Convention, American Political Science Association.

Chairman, Committee on International Commerce, Commission to Study the Organization of Peace.

HEATH, DOUGLAS

Lectures: "Research on the Effective Student," Psychology Dept., University of Michigan.

HETZEL, THEODORE B.

Articles: "Indian Affairs in Chicago," published by the Indian Rights Association.

"A Visit to the Rosebud Sioux," published by the Indian Rights Association.

Lectures: "Problems of American Indians Today," Woodcrest E & R Church, Phila., 9 Nov. 56.

"Quaker Concerns and Service Opportunities for Youth," Willistown Friends Meeting, 27 April 1957.

"Social Conditions of American Indians," Race Relations Course, Bryn Mawr College.

"The Volunteer Workcamp, and Changing Values in College," Danforth Seminar, University of Chicago.

Assistant Clerk, Haverford Monthly Meeting.

Chairman, Indian Program Committee, American Friends Service Committee.

Member of Board, Indian Rights Association.

Vice-President and Member of Council, Society for Social Responsibility in Science.

HUNTER, HOLLAND

Articles: "Discussant's comments," *American Economic Review*, XLVII (May 1957), 649-52.

Lectures: "East-West Rivalry in Economic Growth," World Affairs Council, Philadelphia.

"Russia Seen Darkly," Friends of the Westtown Library.

Grantee, Inter-University Committee on Travel Grants, Visit to U.S.S.R., June-July, 1957

LEMONICK, AARON

Lectures: Visiting Lecturer, Bucknell University, N.S.F. Institute.

Grantee, National Science Foundation.

Grantee, Research Corporation.

LESTER, JOHN A., JR.

Articles: "Friedrich Nietzsche and John Davidson: A Study in Influence," *Journal of the History of Ideas*, XVIII (June 1957), 411-429.

"The Library," in *Evaluation of Drew University*, Middle States Association, February 1957, pp. 20-25.

Lectures: "The Adequacy of Education for Librarianship in Institutions of Higher Learning," Drexel Library Workshop, Philadelphia.

"Teaching-Relationships between Composition and Literature," Haverford Conference on Composition and Literature.

Chairman, Ways and Means Committee, Union Library Catalogue.

Consultant, Ursinus College Library.

Examiner, Woodrow Wilson National Fellowship Program, January 18-20, 1957.

Member, Board of Directors, Union Library Catalogue.

President, Philadelphia Chapter, Association of College and Reference Libraries.

MACCAFFREY, WALLACE T.

Guggenheim Fellowship, 1956-57.

Research Associate, University College, University of London.

MACINTOSH, ARCHIBALD

Chairman, College Entrance Examination Board.

Overseer, William Penn Charter School.

MULLER, STEVEN

Member, Panel on "Crisis of Socialism," American Political Science Association Annual Convention, 1957.

Member, Pennsylvania State Selection Committee for the Rhodes Scholarships, 1956-57

Visiting Assistant Professor of Political Science, University of California at Los Angeles, Summer Session, 1957.

OAKLEY, CLETUS O.

Books: *Calculus and Matrices* (with R. V. Andree), Haverford, 1956, 250 pp.

Articles: "Flexagons," (with R. J. Wisner), *Amer. Math. Monthly*, LXVI (Mar. 1957), 143-154.

"Engineering for Mathematicians," *J. of Engineering Education*, XLVII (Dec. 1956), 292-295

"Polygon Puzzles," *Jack & Jill* (Oct. 1956).

Editorial Work: Associate Editor, *American Math. Monthly*.

Lectures: Series of 8 lectures in mathematics, William Penn Charter School and the Philadelphia Public Schools, Oct. 1-Nov. 19, 1956.

"Abstract Mathematics for High School Seniors," Wilmington Friends.

"Sets and Logic," Univ. of Colorado, NSF, Summer, 1957.

"Flexagons" (with R. J. Wisner), Pi Mu Epsilon, Univ. of Pennsylvania.

Director, Mathematics Division, ASEE.

Member, CEEB Examining Committee.

Member, NSF Conference, "The Undergraduate Mathematics Curriculum," Hunter College, Oct. 12-13, 1956.

Participant, "Committee on the Undergraduate Program in Mathematics," Pennsylvania State University, Aug. 26-29, 1957.

PARKER, FRANCIS H.

Articles: "Immanence and Transcendence," *Twentieth Century Encyclopedia of Religious Knowledge*, Grand Rapids, Mich.: Baker Book House, 1955, Vol. I, pp. 548-550.

"Infinite, Infinity," *op. cit.*, pp. 557.

Lectures: "Two Conceptions of Reason," Fullerton Club, Bryn Mawr.

"On the Nature of Freedom," Philosophy Club, Haverford College.

"What is Ethics?," to the wives and staff, Institute of Humanistic Studies for Executives, University of Pennsylvania.

"The Philosophy of Ethics," a course at the Institute of Humanistic Studies for Executives, University of Pennsylvania.

PFUND, HARRY W.

Articles: "A New Foundation Project," (Editorial), *American-German Review*, (Aug.-Sept., 1957), 3.

"A Letter from Kinkel to Schurz's Father," *American-German Review*, XXIII (Aug.-Sept., 1957), 25-27.

Editorial Work: Associate Editor, *American-German Review*.

Lectures: "The Main Aspects of Goethe's Interest in America," Goethe Society of Maryland, and Goethe Society of the District of Columbia.

Elected Corresponding Member, Society for the History of the Germans in Maryland.

Member, Board of Overseers, Erstes Deutsches Reichswaisenhaus, Lahr, Black, Forest, Germany.

President, Carl Schurz Memorial Foundation.

Vice-President and Chairman, Library Committee, German Society of Pennsylvania.

POST, L. ARNOLD

Editorial Work: Editor, Loeb Classical Library (Diodorus Siculus XI).

Lectures: "A Backward Glance," Philadelphia Classical Club.

QUINN, FRANCIS J.

Lectures: "The Aesthetic Experience," Collection Address, Haverford College.

Preaching Engagements: "The Spiritual Significance of the Monster," Inter-Faith Society, Bryn Mawr College.

REESE, WILLIAM H.

Music-Editor, Heinrich Schütz, "The 84th Psalm," New York: G. Schirmer.

REID, IRA DEA.

Articles: "Challenges for Orthopsychiatry: Scientific and Moral Perspectives," *American Journal of Orthopsychiatry*, XXVI (October, 1956), 683-690.

"Integration Reconsidered," *Harvard Educational Review*, XXVII (Spring 1957), 85-91.

Reviews: *Black Bourgeoisie*, by E. Franklin Frazier, in *Washington Post*, March 12, 1957.

Lectures: Brandeis University, Central State College (Ohio); Temple University, McCormick Theological Seminary (U. of Chicago), Rutgers University.

Consultant, Office of Redevelopment Coordinator, Philadelphia.

Member, Governor's Commission on Higher Education, Pennsylvania.

Member, Hearing Panel on Minimum Wage, Department of Labor and Industry, Pennsylvania.

Visiting Professor, Liberal Arts Curriculum for Bell Telephone Executives, Swarthmore College.

REITZEL, WILLIAM

Editorial Work: Project Director, Brookings Institution, "History of the United Nations Charter."

Lectures: "Components of National Strategy," Army War College.

"The Background to Decision-making," Three lectures and three seminars for Foreign Naval officers, Naval War College.

"Determining the Objectives of U.S. Foreign Policy—the Role of the Citizen," League of Women Voters, Havertown.

ROSE, EDGAR SMITH

Lectures: "On Teaching *Huckleberry Finn*," Haverford Conference on English Composition and Literature, June 28, 1957.

SARGENT, RALPH M.

Lectures: "Aspects of Southern Appalachian Flora," Delaware County Institute of Science, Media, Pa.

"Advancing Academic Standards," Philadelphia Area A.A.U.P., Villanova University.

"The Academic Profession: Present and Future," Lehigh Valley A.A.U.P., Lafayette College.

"On Editing Shakespeare," Lowell Institute Broadcasting Council, M.I.T., Cambridge, Mass.

Board of Visitors, Union College, Schenectady, New York.

National Council, American Association of University Professors.

Trustee, Highlands Biological Station, Highlands, N.C.

SATTERTHWAITE, ALFRED W.

Articles: 'Moral Vision in Spenser, Ronsard, and Du Bellay,' *Comparative Literature*, IX (Spring 1957), 136-150.

Reviews: *Edmond Spenser*, by Emil Legouis, in *Bibl. d'Humanisme et Renaissance*, No. 3 (1957), pp. 537-538.

SCOTT, ANDREW M.

Reviews: *Studies in Federalism*, edited by Robert R. Bowie and Carl J. Friedrich, in *Review of Politics*, XIX (January 1957), 124-5.

Europe, by Free Europe Committee, in *Review of Politics*, XIX (Jan. 1957), 121-123.

Lectures: "European Integration: The Past and the Future," Bryn Mawr Political Alliance.

Campaign Chairman and Finance Chairman, Haverford Township Democratic Committee.

Discussant, Conference on Metropolitan Area Government, Institute of Local and State Government, University of Pennsylvania, Feb. 7-8.

Discussant on "Necessity and Principle in International Politics," American Political Science Association Convention, Sept. 5-7.

SMITH, JOHN WALLACE

Reviews: *France 1940-1955*, by Alexander Werth, in *French Review*, XXX (April 1957),

Editorial Work: Editor, "Conference on French Community Studies," Haverford: Haverford College, 1956.

Lectures: "French Political Instability," Pennsylvania State Modern Language Association, December, 1956.

SOMERS, HERMAN W.

Reviews: *Public Administration and Policy Formation: Studies in Oil, Gas, Banking, River Development, and Corporate Investigation*, edited by Emmette S. Redford, in *American Political Science Review*, LI (June 1957), 532-533.

Articles: "Myth and Reality in Workmen's Compensation," (with Anne R. Somers), "Workmen's Compensation Problems, 1956," U. S. Department of Labor Bulletin 192 (Washington: Government Printing Office, 1957), 18-31.

"The National Health Service: Diagnosis and Prognosis," (with Anne R. Somers), *Political Quarterly*, XXVII (Oct.-Dec. 1956), 410-423.

"Social Security in the United States of America," (with Anne R. Somers), Bulletin of the International Social Security Association, X (March-April 1957), 87-102.

"Major Policy Issues in Social Insurance," (with Anne R. Somers), *Proceedings, Industrial Relations Research Association*, 1956, IX (1957), 120-144.

"Trends and Current Issues in Social Insurance," (with Anne R. Somers), *Monthly Labor Review*, LXXX (February 1957), 166-170.

Lectures: "The Public's Role in National Government," Industrial College of the Armed Forces, Washington, D.C.; "Myth and Reality in Workmen's Compensation," International Association of Industrial Accident Boards and Commissions, Charleston, S. C.; "Major Trends and Issues in Social Insurance," Industrial Relations Research Association, Cleveland, Ohio; "The New Administration: A Forecast," Political Science Graduate Club of California, Berkeley; "Social Insurance and Labor Legislation," Regional Office, U. S. Department of Labor, San Francisco; "The Status of the Career Service," American Society for Public Administration, Los Angeles; "Relationship of Workmen's Compensation to Rehabilitation," Bureau of Vocational Rehabilitation, California State Department of Education, San Francisco; "Lessons for Social Insurance in Workmen's Compensation Experience," Social Science Faculty Research Seminar, University of Michigan; "Collective Bargaining in Government Service," Conciliation Service, California Department of Industrial Relations, Berkeley; "Slaughtering Sacred Cows in Personnel Research," Federal Personnel Management Conference, San Francisco; "Insurance at the Crossroads," Pacific Claims Executives Association, San Francisco; "Workmen's Compensation in Atomic Energy," Pacific Coast Metal Trades District Council, Long Beach, California; "The Future of Workmen's Compensation," East Bay Labor Health and Welfare Council, Berkeley, Cal.

Board of Directors, World Affairs Council of Philadelphia.

Consultant, Department of Industrial Relations, Ohio Chamber of Commerce, Columbus.

Executive Board, Inter-University Case Program, New York.

Panel Chairman, "Political Executives and the Senior Civil Service," American Political

Science Association, Washington, D.C., September 6-7, 1956.
 Research Consultant, Ohio Legislative Service Commission, Columbus.
 Research Consultant on Industrially Injured, Bureau of Vocational Rehabilitation,
 California Department of Education.
 Research Consultant on Social Insurance, Special Studies Project, Rockefeller Brothers
 Fund, New York.
 Research Consultant, Social Security Project, Community Research Associates, Inc.,
 Washington, D.C.
 Research Consultant, Survey Research Center, University of Michigan.
 Visiting Professor of Political Science and Research Associate in Institute of Industrial
 Relations, University of California (Berkeley), 1956-57.

STEERE, DOUGLAS V.

Books: *Work and Contemplation*, New York: Harper, 1957, 148 pp.
Decline of Materialism, Rye, New York: Wainright House, 1957.
 Articles: "Mysticism," Meridian Encyclopedia, 1957.
 "O Blessed Cook," *Friends Journal*, III (Jan. 19, 1957.)
 Reviews: *The Prayers of Kierkegaard*, by Perry LeFevre, in *Religion in Life* (June
 1957).
Myth and Ritual in Christianity, by Alan Watts, in *Journal of Religious Thought*.
Conflict in World Religions, by Phillip Ashby, in *Journal of Religious Thought*.
Indominable Friend, by William Hughes, in *Friends Journal*.
Agatha Harrison, in *Friends Journal*.
Naught for Your Comfort, by Trevor Huddleston, in *Pendle Hill Bulletin*.
 Lectures: Stone Lectures (four lectures), Princeton Theological Seminary Guest
 Lecturer, Concordia College (four lectures), Annual Lecturer, Drury College
 (three lectures), Pendle Hill Week-end Visitor (three lectures). Annual Meeting
 AFSC, San Francisco (two lectures); Berea College; Crozer Theological Seminary
 (two lectures); Davis House, Washington, D.C.; Dedication of Durham, N.C.,
 Meeting House; Frankford Forum, Philadelphia; Friends World Committee
 Conference, Wilmington, Ohio; Half Yearly Meeting of the Pacific, Redlands,
 California; Lawrence College; Merion, Penna.; Philadelphia Fellowship House
 Forum; Presbyterian Mission Seminar; Stanford University (two lectures); St.
 Paul's Episcopal Church, Philadelphia; Swarthmore College Christian Associa-
 tion; Swarthmore College Friends Meeting; University of Washington (two
 lectures); Westchester, Pennsylvania; Whittier, California.
 Preaching Engagements: Berea College; Connecticut College; Cornell University;
 Duke University; Harvard University; Mount Holyoke College; University of
 Toronto.
 Preaching and Retreats: Church of the Redeemer, Bryn Mawr, Pa.; Five Oaks, Ontario;
 Germantown Congregational Church; Germantown Unitarian Church; Roch-
 ester-Colgate Divinity School; Vassar College.
 Chairman of Board, Pendle Hill.
 Consultant, Danforth Foundation.
 Editorial Consultant on Religious Books, Harper and Brothers.

Foreign Service Executive, A. F. S. C.

Member, Board of Trustees, St. Martin's House; Wainright House; Woolman House.
Member, Commission on the Churches' Responsibility for Prevention of War in the Atomic Age, World Council of Churches.

SWAN, ALFRED J.

Music: *Liturgical Canticles of the Eastern Church*, Nos. 1-6, New York: Boosey and Hawkes, 1956, 22 pp.

Three Christmas Songs (words by Jane Swan), London: Novello and Company, 1957.

Articles: "The Newberry Obikhod," *Newberry Library Bulletin*, IV (Sept. 1956).

Reviews: *Modest Mussorgsky, His Life and Works*, by M. D. Calvocoressi, in *Musical Times* (February 1957), pp. 75-76.

Lectures: "The Sources of Russian Music," Düsseldorf o/Rhine (in German), October 21, 1956.

"For the hundredth anniversary of the death of Glinka," Russian Cultural Society, Philadelphia (in Russian), April 7, 1957.

TEAF, HOWARD M., JR.

Lectures: "International Assistance," Old York Road United Nations Assn.

"Non-Economic Influences on Community Economic Development," American Economic Association.

"The Human Side of Arbitration," Case Institute of Technology Management Development Program.

Chairman, Program Committee, Second Conference of Pennsylvania Economists, Bucknell University, Lewisburg, Pa.

Chairman, Subcommittee on Social and Technical Assistance, American Friends Service Committee.

Insurance Consultant, Commonwealth of Pennsylvania.

Labor arbitration.

Member, Board of Directors, American Friends Service Committee.

WALTER, ROBERT I.

Lectures: "Paramagnetic Resonance Spectrum of V^{49} " (with others), New York meeting, American Physical Society.

"A Resonance-Theory Treatment of Free Radical Dimerization," Bryn Mawr College Chemistry Colloquium, and Princeton University Chemistry Seminar.

Consultant to Brookhaven National Laboratory, Upton, Long Island, New York.

WILLIAMS, RUSSELL R., JR.

Articles: "Ion-Molecule Reactions in Radiation Chemistry" (with G. G. Meisels and W. H. Hamill), *J. Chem. Phys.*, XXV (1956), 790.

"Diffusion and Hot Radical Kinetics in Photolysis of Ethyl Iodide" (with D. L. Bunbury and W. H. Hamill), *J. Am. Chem. Soc.*, LXXVIII (1956), 6228.

Lectures: Two lectures to members of the Engineering Department, DuPont Co., Newark, Delaware.

"Recent Developments in Radiation Chemistry," Research Laboratory Staff,

Atlantic Refining Co., Philadelphia.

"Radiolysis of Methane in Rare Gas Atmospheres" (with G. G. Meisels and W. H. Hamill), American Chemical Society Meeting, Miami, Florida.

Two papers presented at American Chemical Society Meeting, New York.

Chairman, "Symposium on Radiation Chemistry of Organic Compounds," American Chemical Society Meeting, Miami, Florida.

WISNER, ROBERT J.

Books: *Calculus for High School Science Teachers* (with Newcomb Greenleaf), Oklahoma State University Press, 1957, 225 pp.

Articles: "Flexagons" (with C. O. Oakley), *American Mathematical Monthly*, LXIV (March 1957), 143-154.

"An Evaluation of Shock's Growth Curves" (with Douglas T. Kenny), *Journal of Genetic Psychology*, XC (March 1957), 75-82.

Editorial work: Editor, "SIAM Notes," *Society for Industrial and Applied Mathematics Newsletter*.

Editorial consultant, McGraw-Hill Publishing Co., *American Mathematical Monthly*, and *Journal of the Society for Industrial and Applied Mathematics*.

Lectures: "Flexagons" (with C. O. Oakley), Pi Mu Epsilon, University of Pennsylvania; "Calculus for High School Science Teachers," National Science Foundation Summer Institute, Oklahoma State University, Stillwater, Oklahoma.

Consultant, The Burroughs Corporation.

Member, Graduate Examining Committee, Oklahoma State University, July 1957.

Panel Member, Television discussion of the National Science Foundation Summer Institutes, Oklahoma City, Oklahoma (two programs), July 1957.

WYLIE, LAURENCE W.

Books: *Village in the Vaucluse*. Cambridge: Harvard University Press, 1957.

Articles: "Ordeal in Gordes," *French Review* (February 1957), pp. 259-64.

"Bringing Up Children—French Way," *New York Times Magazine* (June 30, 1957), 9, 17, 19.

Editorial work: Associate Editor, *Symposium*.

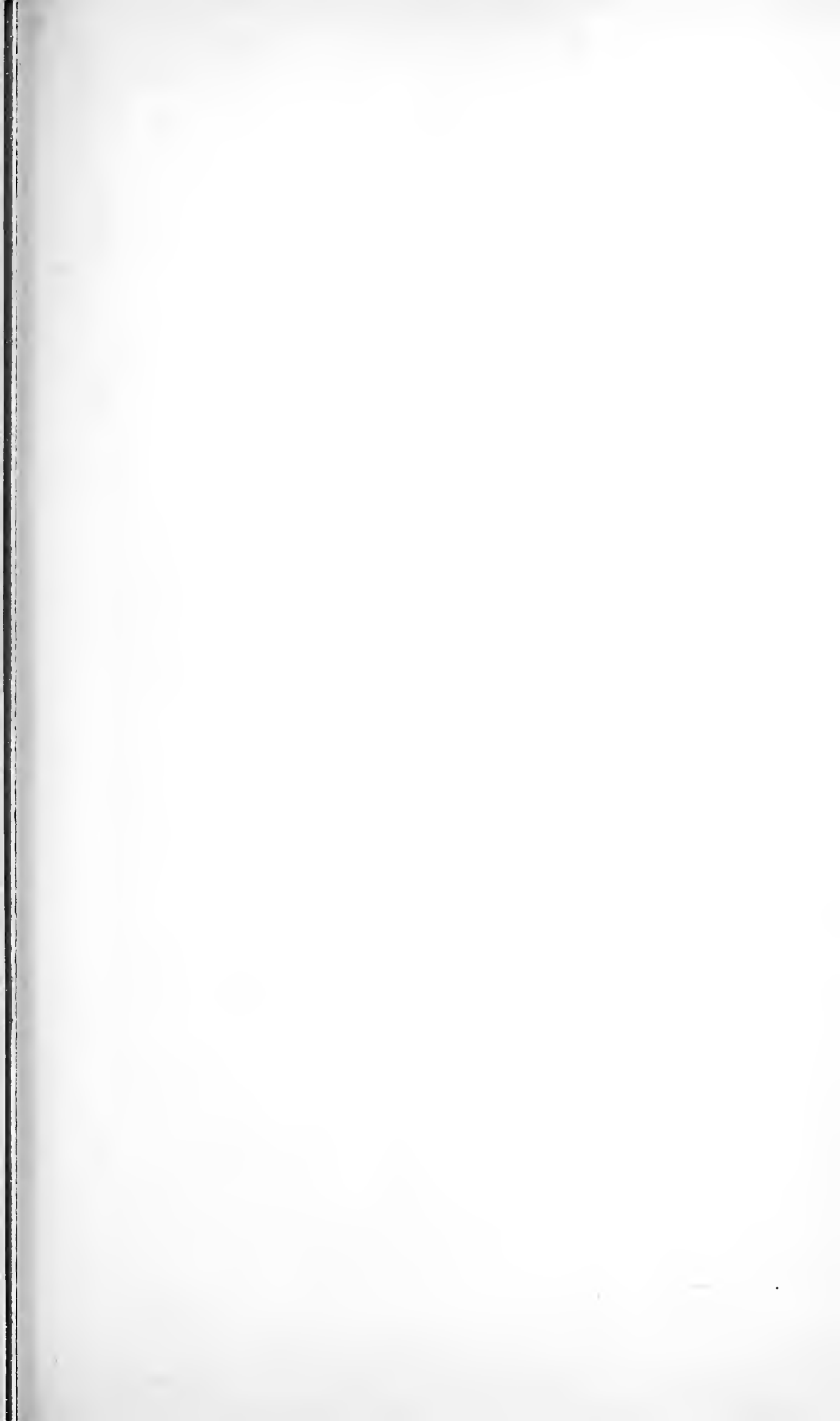
Associate Editor, *French Review*.

Lectures: Romance Language Journal Club, Bryn Mawr College; Association of American Colleges; WCAU-TV—Charles Shaw Program; Haverford College Alumni Luncheon; Rosemont College.

Chairman, Committee of Examiners in French, College Entrance Examination Board.

Member, Scholarship Committee, American Friends Service Committee.







HAVERFORD COLLEGE BULLETIN



THIS ISSUE CONTAINS THE

REPORT OF THE TREASURER AND COMPTROLLER

1956 - 1957

VOLUME LVI

NUMBER THREE

January, 1958



Corporation of Haverford College

Officers

DR. S. EMLEN STOKES, *President*

Moorestown, N. J.

WM. MORRIS MAIER, *Treasurer*

814 Provident Trust Building, Philadelphia 3, Pa.

JOHN F. GUMMERE, *Secretary*

Wm. Penn Charter School, Philadelphia 44, Pa.

WM. NELSON WEST, 3RD, *Assistant Secretary*

1600 Three Penn Center Plaza, Philadelphia 2, Pa.

Members of the Standing Nominating Committee of the Corporation

Term Expires 1957

THOMAS W. ELKINTON 1156 Public Ledger Building, Philadelphia 6, Pa.

J. BARCLAY JONES 153 Gulph Road, Radnor, Pa.

RUSSELL W. RICHIE 1212 Market Street, Philadelphia 7, Pa.

Term Expires 1958

J. MORRIS EVANS 623 Mulford Road, Wyncote, Pa.

WILLIAM S. LANE Wm. Penn Charter School, Philadelphia 44, Pa.

DR. FREDERIC C. SHARPLESS Beach Haven, N. J.

Term Expires 1959

M. ALBERT LINTON, JR. Wm. Penn Charter School, Philadelphia 44, Pa.

PHILIP G. RHOADS P.O. Box 71, Wilmington, Del.

HOWARD G. TAYLOR Riverton, N. J.

Board of Managers

Ex-Officio as Officers of Corporation

DR. S. EMLÉN STOKES, *President* Moorestown, N. J.
 WM. MORRIS MAIER, *Treasurer* 814 Provident Trust Building, Philadelphia 3, Pa.
 JOHN F. GUMMERE, *Secretary* Wm. Penn Charter School, Philadelphia 44, Pa.

Term Expires 1957

EDWARD W. EVANS Awbury, Germantown, Philadelphia 38, Pa.
 WILLIAM A. BATTEY 605 Walnut Lane, Haverford, Pa.
 DR. FREDERIC C. SHARPLESS Beach Haven, N. J.
 JOHN A. SILVER Apple Hill Farm, Pipersville, Pa.
 H. JUSTICE WILLIAMS 901 Provident Trust Building, Philadelphia 3, Pa.
 *THEODORE WHITTELEY, JR. 986 Railroad Avenue, Bryn Mawr, Pa.
 *DONALD E. WILBUR 115 Pennsylvania Avenue, Bryn Mawr, Pa.
 STEPHEN G. CARY A.F.S.C., 20 S. 12th Street, Philadelphia 7, Pa.
 HENRY SCATTERGOOD Germantown Friends School, Philadelphia 44, Pa.
 PHILIP G. RHOADS P.O. Box 71, Wilmington 99, Del.

Term Expires 1958

JONATHAN M. STEERE 1118 Girard Trust Building, Philadelphia 2, Pa.
 STANLEY R. YARNALL 5337 Knox Street, Philadelphia 44, Pa.
 DR. HENRY M. THOMAS, JR. 314 Overhill Road, Baltimore 10, Md.
 ALEXANDER C. WOOD, JR. 48, The Bourse, Philadelphia 6, Pa.
 HAROLD EVANS 1000 Provident Trust Building, Philadelphia 3, Pa.
 RUSSELL W. RICHIE 1212 Market Street, Philadelphia 7, Pa.
 DR. JOSEPH STOKES, JR. 1740 Bainbridge Street, Philadelphia 46, Pa.
 *JOHN S. WILLIAMS 20 W. Chestnut Hill Avenue, Philadelphia 18, Pa.
 RICHARD R. WOOD Riverton Rd., R.F.D. Riverton, N. J.

Term Expires 1959

M. ALBERT LINTON 4601 Market Street, Philadelphia 39, Pa.
 EDWARD WOOLMAN Haverford, Pa.
 THOMAS W. ELKINTON 1156 Public Ledger Building, Philadelphia 6, Pa.
 HENRY C. EVANS 635 Manatawna Avenue, Philadelphia 28, Pa.
 GARRETT S. HOAG 10 Post Office Square, Boston 9, Mass.
 DR. JONATHAN E. RHOADS 3400 Spruce Street, Philadelphia 4, Pa.
 THOMAS B. HARVEY 50 W. Willey Street, Philadelphia 23, Pa.
 GEOFFROY BILLO 30 Smith Avenue, Mount Kisco, N. Y.
 *JAMES P. MAGILL 225 S. 15th Street, Philadelphia 2, Pa.

Faculty Representatives on Board of Managers

Term Expires 1958

LOUIS C. GREEN

Term Expires 1959

FRANCIS H. PARKER

Alternates: HOWARD M. TEAF, JR. and JOHN A. LESTER, JR.

*Alumni Representative Manager.

Officers of the Board of Managers

Chairman of Board

DR. S. EMLÉN STOKES

Secretary of Board

WM. NELSON WEST, 3RD

1600 Three Penn Center Plaza, Philadelphia 2, Pa.

Standing Committees of the Board of Managers

*The Chairman of the Board is an ex-officio
member of all committees*

Executive Committee

DR. S. EMLÉN STOKES, *Chairman*

JONATHAN M. STEERE

ALEXANDER C. WOOD, JR.

DR. FREDERIC C. SHARPLESS

THOMAS W. ELKINTON

EDWARD W. EVANS

JOHN F. GUMMERE

DR. JONATHAN E. RHOADS

WM. MORRIS MAIER

THOMAS B. HARVEY

M. ALBERT LINTON

WM. NELSON WEST, 3RD

Committee on Finance and Investment

JONATHAN M. STEERE, *Chairman*

ALEXANDER C. WOOD, JR.

M. ALBERT LINTON

WM. MORRIS MAIER

RUSSELL W. RICHIE

HAROLD EVANS

JAMES P. MAGILL

Committee on College Property

JOHN A. SILVER, *Chairman*

WILLIAM A. BATTEY

EDWARD WOOLMAN

THOMAS W. ELKINTON

HENRY C. EVANS

GEOFFROY BILLO

THOMAS B. HARVEY

PHILIP G. RHOADS

Committee on Honorary Degrees

STANLEY R. YARNALL, *Chairman*

DR. HENRY M. THOMAS, JR.

HAROLD EVANS

GARRETT S. HOAG

H. JUSTICE WILLIAMS

DR. JOSEPH STOKES, JR.

STEPHEN G. CARY

HENRY SCATTERGOOD

RICHARD R. WOOD

Counsel

MACCOY, EVANS AND LEWIS

1000 Provident Trust Building

Philadelphia 3, Pa.

Administration

- HUGH BORTON *President*
 B.A., Haverford College; M.A., Columbia University; Ph.D., University of Leyden.
- ARCHIBALD MACINTOSH *Vice-President and Director of Admissions*
 B.A., Haverford College; M.A., Columbia University; Ph.D., University of Pennsylvania.
- WILLIAM WEBSTER AMBLER *Assistant Director of Admissions*
 B.A., Haverford College.
- WILLIAM EDWARD CADBURY, JR. *Dean*
 B.S. and M.A., Haverford College; Ph.D., University of Pennsylvania.
- MRS. EDYTHA M. CARR *Registrar*
- ALDO CASELLI *Comptroller and Business Manager*
 D.S.E. and C., University of Naples.
- JOHN ASHBY LESTER, JR. *Librarian (Acting Dean, Spring Semester)*
 B.S., Haverford College; A.M. and Ph.D., Harvard University.
- THOMAS EDWARD DRAKE *Curator of the Quaker Collection*
 A.B., Stanford University; A.M., University of Michigan; Ph.D., Yale University.
- WILLIAM WOLTER LANDER *Physician*
 B.S., Ursinus College; M.D., University of Pennsylvania.
- RUTH L. BLESSING *Resident Nurse*
 R.N., Friends Hospital.
- LOUIS CRAIG GREEN *Director of the Strawbridge Memorial Observatory*
 A.B., A.M. and Ph.D., Princeton University.
- MRS. MIRIAM R. NUGENT *Dietitian*
 B.S., New York University.
- BENNETT SMEDLEY COOPER *Alumni Secretary and Assistant to the President*
 B.S., Haverford College.
- GERTRUDE MANN WONSON *Admissions Office*
 B.S., Simmons College.
- MRS. ALICE M. BERRY *Secretary to the President*
- MRS. FLORENCE N. ANDREWS *Secretary to the Dean*

THE CORPORATION OF HAVERFORD COLLEGE

Philadelphia, 10th Month 18th, 1957

TO THE BOARD OF MANAGERS AND THE CORPORATION

Your Treasurer is glad to submit herewith to the Corporation his annual report for the year ending August 31, 1957. This has been duly audited by Lawrence E. Brown & Company, and their report is attached.

It is good to be able to record again a small operating surplus for the year, though reduced in amount from a year ago, of \$16,593.43. Of the total operating income 43% came from endowed funds.

The increasing cost of running the college can best be illustrated by examining the largest item of expenses, faculty salaries. As you all know for a long time these lagged far behind the rising cost of living; however, during the past ten years strenuous efforts have been made to remedy this unhappy situation. For the year '46-'47 total salaries for 47 professors, associate professors, assistant professors and instructors were \$195,107. This past year the total of such salaries for 64 faculty members was \$363,209. During these ten years and including a pay rise and TIAA assumptions made this fall, there have been 7 salary increases; or, in all, this means a salary increase of 42%. The Ford Foundation grant gave added impetus to this trend and made possible a rise of 3.9%. In a sense we raised ourselves by our own bootstraps, for 38% of the Ford grant was a so-called "accomplishment grant" made because we had previously raised salaries on our own.

Ten years ago the average salary of the full professor was \$5,733, as of today it is \$9,569. The rates for associate, assistant professors and instructors have risen rather more than correspondingly.

There are two other factors to be considered in looking at this question of salaries; first, the college now bears the total cost of provision for retirement benefits through TIAA and CREF amounting to 12% of each professor's salary, which if added to Social Security benefits, provides annually upon retirement an amount about equal to one half of the last full salary of the professor; and, second, practically all members of the faculty who so desire are provided with housing on the campus at a cost of about one half of what they would pay for off campus homes.

It may be seen from these statistics that faculty compensation has been receiving the attention of the Corporation!

This year the additions to endowment were somewhat disappointing with the exception, of course, of the grants from the Ford Foundation. Such additions to endowment totaled \$334,339. The total of the Ford Foundation grants received by the college over the two year period was \$559,000; \$345,000 for faculty salaries and \$214,000 as an "accomplishment grant" to be used in whole or in part for faculty salaries or for other pressing academic needs.

Though not additions to endowment, grants made by various foundations, corporations and other interested persons are of increasing importance to the college in balancing the budget and for carrying on research projects. For instance this year \$32,735 was received by the college for research projects and \$35,130 for general budget purposes. This does not include alumni annual giving.

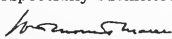
To pay another part of the corporation's share of building program, \$105,000 was taken from endowment. With this subtraction but with the above donations, income transferred to principal and capital gains, therefore, our total endowment at the end of this fiscal year stands as follows: Consolidated Investments, book value \$8,486,337, market value \$11,487,452. William Pyle Philips Fund, book value \$2,197,647, market value \$3,120,367. William Maul Measey Trust, book value \$1,086,161, market value \$1,786,988.

The rate of return on the book value of these funds and trust remains the same as last year 5.8%. This, in spite of the realization of \$293,537 in capital gains. On market value the rate was 4.1% on all funds and trusts.

Income from the two Funds reported separately, the John Farnum Memorial Fund, and the John Farnum Brown Fund was expended in accordance with the provisions of the Trusts.

With declining stock prices, it is perhaps well to point out that our financial position is strong. We have a large endowment, it is soundly invested; we have a reserve fund of income, (though not large); we have in hand the results of last year's auspiciously begun annual giving campaign; we have thus been enabled to raise a little further faculty salaries this year; and - we have a new administration in whom we have great confidence.

Respectfully submitted,


Wm. Morris Maier, Treasurer

THE CORPORATION OF HAVERFORD COLLEGE

OPERATING STATEMENT

For the Year Ending August 31, 1957

Receipts at College – Applicable to Budget

Tuition			
Cash	277,195.27		
Scholarship Funds	53,715.47		
Measey Trust – Scholarships	27,100.00		
Scholarships from Donations	<u>23,114.26</u>	381,125.00	
Board		183,999.67	
Room		96,784.96	
Board & Room from Non Students		47,088.48	
Miscellaneous Receipts		<u>31,568.69</u>	740,566.80

Income from Funds – Applicable to Budget

Consolidated Investments – General Funds		398,872.16	
William Pyle Philips Fund – General		51,217.14	
John Farnum Memorial Fund		1,194.21	
Stork Art Gift Fund		186.67	
From Trusts:			
Henry C. Brown	7,561.98		
Nathan Branson Hill	112.78		
W. Percy Simpson	<u>2,637.44</u>	<u>10,312.20</u>	461,782.38

Donations Applicable to Budget

From General Purposes		35,130.81	
From Alumni Sustaining Fund		14,737.39	49,868.20

Interest Received

2,501.14

TOTAL RECEIPTS 1,254,718.52

Expenses of Running the College

Administration	165,112.82		
Educational Department	547,155.50		
Maintenance & Operations	228,648.70		
Dining Room & Kitchen	213,392.49		
Development	<u>23,876.25</u>	1,178,185.76	

Miscellaneous Expenses

Treasurer's, Secretary's, Legal & Board Expenses & Services	13,014.08		
Old Style Pensions	25,674.92		
Interest Paid	3,559.81		
Work Aid to Students	7,086.52		
Pensions to Non Faculty & Reserve	9,604.00		
Reserve for Death Benefit for Non Faculty	<u>1,000.00</u>	<u>59,939.33</u>	1,238,125.09

Operating Surplus added to Reserve Fund

16,593.43

INCOME RESERVE ACCOUNT

AUGUST 31, 1957

Balance in Reserve August 31, 1956	\$86,441.02
Operating Surplus for year 1956-1957	<u>16,593.43</u>
TOTAL INCOME RESERVE AUGUST 31, 1957.....	<u><u>\$103,034.45</u></u>

REPORT ON CONSOLIDATED FUNDS

	Principal			Book Value 8/31/57	Balance 9/1/56	Net Income	Expended	Special	Totals	Credit Balance 8/31/57	
	Book Value 9/1/56	Increase	Decrease								
Funds for General Purposes											
General Endowment Fund	100,795.14			100,795.14		6,515.95	6,515.95				
John M. Whitall Fund	10,640.09			10,640.09		687.83	687.83				
David Scull Fund	44,806.59			44,806.59		2,896.54	2,896.54				
Edward L. Scull Fund	11,364.35			11,364.35		734.66	734.66				
Wistar Morris Memorial Fund	5,144.24			5,144.24		332.55	332.55				
Israel Franklin Whitall Fund	10,781.94			10,781.94		697.00	697.00				
Jacob P. Jones Endowment Fund	1,301,375.34			1,301,375.34		84,127.99	78,923.71	5,204.28 ¹			
John Farnum Brown Fund	275,899.76			275,899.76		17,835.66	17,835.66				
Clementine Cope Endowment Fund	21,493.67			21,493.67		1,389.47	1,389.47				
Joseph E. Gillingham Fund	42,394.72			42,394.72		2,740.62	2,740.62				
Elizabeth H. Farnum Fund	9,160.24			9,160.24		592.17	592.17				
James R. Magee Fund	45,035.96			45,035.96		2,917.08	2,917.08				
Albert K. Smiley Fund	1,500.00			1,500.00		96.97	96.97				
Hinchman Astronomical Fund	39,515.48			39,515.48		2,554.50	2,554.50				
Walker D. & Edith M. L. Scull Fund	174,560.31			174,560.31		11,284.52	11,284.52				
Albin Garrett Memorial Fund	26,771.00			26,771.00		1,730.63	1,730.63				
Arnold Chase Scattergood Mem. Fund	24,381.59			24,381.59		1,576.16	1,576.16				
Francis B. Gummere Memorial Fund	125,569.51			125,569.51		8,117.49	8,117.49				
Isaac Sharpless Memorial Fund	218,728.43			218,728.43		14,139.80	14,139.80				
General Education Board Fund	126,076.83			126,076.83		8,150.29	8,150.29				
William Penn Foundation	102,067.43			102,067.43		6,598.20	6,598.20				
Walker Carroll Britton Memorial Fund	14,125.79			14,125.79		913.16	913.16				
Corporation Fund	25,128.94			25,128.94		1,624.48	1,624.48				
Elizabeth J. Shortridge Fund	10,000.00			10,000.00		646.45	646.45				
Howard Comfort Memorial Fund	5,527.31			5,527.31		357.32	357.32				
Ellen W. Longstreth Fund	104,999.55		37,409.36	67,590.19		6,783.21	6,783.21				
Albert L. Baily Fund	5,000.00			5,000.00		323.23	323.23				
Elizabeth B. Wistar Warner Fund	4,950.00			4,950.00		319.99	319.99				
T. Allen Hillis Bequest	260,764.31			260,764.31		18,150.14	18,150.14				
Leonard L. Greif, Jr. & Roger L. Greif Fund	7,000.00			7,000.00		452.52	452.52				
Edward M. Wistar Fund	2,500.00			2,500.00		161.61	161.61				
Morris E. Leeds Fund	1,532,110.39		82,580.64	1,469,529.75		99,043.96	81,704.76	17,339.20 ¹			
J. Henry Scattergood Fund	12,000.00			12,000.00		775.74	775.74				
Parker S. Williams Fund	103,993.26			103,993.26		6,722.69	6,722.69				
Gilbert C. Fry Fund	5,000.00			5,000.00		323.23	323.23				
Daniel B. Boyer Fund	2,500.00			2,500.00		161.61	161.61				
Marriott C. Morris Fund	10,000.00			10,000.00		646.46	646.46				
1949 Campaign Salary Fund	184,307.07	2,477.45		186,784.52		11,914.61	10,723.15	1,191.46 ²			
Rufus M. Jones Fd. for Adv. of Teaching	366,421.52	3,654.75		370,076.27		23,687.48	21,318.73	2,368.75 ²			
William B. Bell Fund	36,178.02			36,178.02		2,338.75	2,338.75				
Forward	\$5,430,498.78	\$6,132.20	\$100,000.00	\$5,336,630.98		\$351,062.72	\$324,959.03	\$26,103.69			

REPORT ON CONSOLIDATED FUNDS

	Principal			Net			Special	Totals	Credit Balance 8/31/57
	Book Value 9/1/56	Increase	Decrease	Book Value 8/31/57	Balance 9/1/56	Income			
Funds for General Purposes (Cont'd)									
Dr. Thomas Wistar Fund	\$5,430,498.78	\$6,132.20	\$100,000.00	5,336,630.98	351,062.72	324,959.03	26,103.69		
Charles McCaul Fund	25,068.15			25,068.15	1,620.54	1,620.54			
Isaac & Lydia Cope Sharpless Fund	37,187.20			37,187.20	2,403.98	1,903.98	500.00	1	
Class of 1937 Fund	5,000.00			5,000.00	323.23	323.23			
Charles J. Rhoads Fund	4,500.00			4,500.00	290.30	23.40			
J. Horace Cook Fund	-0-	5,000.00	5,000.00	-0-			265.50	3	
The Ford Foundation Endowment Fund	122,741.50	793.47		123,534.97	6,344.66	7,934.68	10,150.00	2	
The Ford Foundation Accomplishment Fund	170,000.00	175,000.00		345,000.00		12,875.22	793.47		
Thomas Harvey Haines & Helen Hague Haines Fd.	95,000.00	119,000.00		214,000.00		7,423.45			
	-0-	12,426.18		12,426.18		669.41			
Funds for Wistar Brown Graduate School	5,889,995.63	318,351.85	105,000.00	6,103,347.48	6,344.66	384,604.13	37,812.66	1	3,335.87
Moses Brown Fund	379,768.66	2,455.03		382,223.69		24,550.32	1,500.00	2	
Funds for Morris Infirmary									
Infirmary Endowment Fund	9,653.44			9,653.44	624.05	624.05			
John W. Pinkham Fund	5,059.50			5,059.50	327.07	327.07			
Fund for Haverford Union	14,712.94			14,712.94	951.12	951.12			
Haverford Union Fund	1,878.82			1,878.82	121.46	121.46			
Funds for Scholarships									
Thomas P. Cope Fund	5,257.82			5,257.82	83.25	339.89			
Edward Varnall Fund	6,069.23			6,069.23	97.10	392.35	300.00	1	123.14
Isaiah V. Williamson Fund	19,817.40			19,817.40	320.03	1,281.11	300.00	1	189.45
Richard T. Jones Scholarship Fund	5,056.25			5,056.25	-119.94	DB	1,250.00	1	351.14
Mary M. Johnson Scholarship Fund	7,013.61			7,013.61	113.22	453.40			
Sarah Marshall Scholarship Fund	7,919.76			7,919.76	126.40	511.97	400.00	1	206.92
Clementine Cope Fellowship Fund	22,845.86			22,845.86	1,390.64	1,476.88			
Isaac Thorne Johnson Scholarship Fund	9,725.64	178.72		9,904.36		628.72	1,400.00	1	166.62
Caspar Wistar Memorial Scholarship Fund	6,951.21			6,951.21	110.06	449.37	450.00	1	638.37
J. Kennedy Moorhouse Scholarship Fund	5,155.85			5,155.85	81.64	333.30	178.72		1,487.52
Louis Jaquette Palmer Scholarship Fund	11,549.19	359.00		11,908.19	214.19	767.87	425.00	1	134.43
Paul W. Newhall Mem'l Scholarship Fund	5,045.60			5,045.60	79.88	326.18			
Robert Martin Zuckert Mem'l Scholarship Fd.	22,250.00			22,250.00	382.60	1,438.36	750.00	1	414.94
Samuel E. Hilles Scholarship Fund	5,017.31			5,017.31	79.44	324.35	300.00	1	232.06
Class of 1913 Scholarship Fund	3,000.00			3,000.00	48.01	193.93	300.00	1	106.06
Class of 1917 Scholarship Fund	10,221.08	503.92		10,725.00	173.05	673.64	1,400.00	1	420.96
Daniel B. Smith Fund	5,000.00			5,000.00	33.92	323.23	300.00	1	103.79
Sarah Tatam Hilles Mem'l Scholarship Fund	75,534.58			75,534.58	1,196.01	4,882.97	4,700.00	1	91.94
Elthu Grant Memorial Scholarship Fund	40,275.01			40,275.01	662.75	2,603.59	600.00	1	246.69
Christian Febiger Mem'l Scholarship Fund	17,050.00			17,050.00	269.98	1,102.21	300.00	1	117.15
Forward	\$ 290,755.40	\$ 1,041.64		\$291,797.04	\$5,402.23	\$18,893.85	\$16,703.72		1,378.98
									850.01
									372.19
									\$7,592.36

REPORT ON CONSOLIDATED FUNDS

	Principal			Credit		
	Book Value 9/1/56	Increase	Decrease	Book Value 8/31/57	Net Income 9/1/56	Balance 8/31/57
Funds for Scholarships (Cont'd)	\$ 290,755.40	\$1,041.64		291,797.04	5,402.23	16,703.72
Joseph L. Markley Mem'l Scholarship Fund	5,000.00			5,000.00	18,393.85	300.00
Joseph C. & Anne N. Birdsall Schol. Fund	3,000.00	5,000.00		30,000.00	79.17	323.23
Daniel E. Davis, Jr. Mem'l Scholarship Fd.	3,000.00			3,000.00	395.85	1,723.87
Jonathan M. Steere Scholarship Fund	10,000.00			10,000.00	47.50	193.94
William Graham Tyler Mem'l Scholarship Fd.	15,000.00			15,000.00	241.21	646.45
1890 Memorial Scholarship Fund	2,700.00			2,700.00	37.51	969.68
					42.75	174.55
1949 Campaign Scholarship Fund	48,024.43	824.86		48,849.29	453.39	2,650.00
Max Leuchter Scholarship Fund	12,519.04			13,549.88	3,104.56	310.46
A. Clement Wild Scholarship Fund	25,000.00	1,030.84		25,000.00	—	300.00
Caroline Chase Scholarship Fund	6,245.11			6,245.11	530.84	1,250.00
Roy Thurlby Griffith Memorial Fund	5,000.00			5,000.00	409.79	1,250.00
Class of 1904 Scholarship Fund	6,000.00			6,000.00	98.89	300.00
Inazo Niobe Scholarship Fund	10,000.00			10,000.00	403.72	300.00
The Sumnerfield Foundation Scholarship Fd.	1,000.00			1,000.00	79.09	400.00
W. LaCoste Neilson Scholarship Fund	—	11,275.00		11,275.00	323.23	1,374.24
	465,243.98	20,172.34		485,416.32	527.79	1,172.24
					36.94	1,172.24
					—	1,172.24
					113.13	1,172.24
					7,986.83	1,172.24
					30,448.48	1,172.24
Funds for the Library						
Alumni Library Fund	17,435.06			17,435.06	1,127.10	40.13
Mary Farnum Brown Library Fund	68,108.90	40.13		68,149.03	4,402.93	221.60
Wm. H. Jenks Library Fund	5,000.00			5,000.00	122.32	4,141.20
Mary Wistar Brown Williams Library Fund	20,406.74			20,306.74	1,681.64	96.32
Anna Yarnall Fund	173,078.14			173,078.14	1,319.74	1,214.22
F. B. Gummers Library Fund	635.47			635.47	11,188.72	2,465.29
Edmund Mortie Ferguson, Jr. Mem'l Fund	1,002.34			1,002.34	10.91	4.12
Class of 1888 Library Fund	6,550.00			6,550.00	27.00	51.99
Class of 1918 Library Fund	1,253.52			1,253.52	267.88	87.67
Quakeriana Fund	600.00			600.00	107.26	691.31
Mohawk Fund for Rufus Jones Coll. Myst.	1,500.00			1,500.00	81.04	188.30
Rufus M. Jones Book Fund	5,000.00			5,000.00	63.65	86.83
					502.01	96.97
					1,635.26	2,133.97
1949 Campaign Library Fund	35,874.62	360.51		36,235.13	1,860.00	231.91
	336,344.79	400.64		336,745.43	2,319.13	3,057.72
					6,477.33	11,512.03
Funds for Old Style Penslons						
President Sharpless Fund	41,237.08			41,237.08	2,665.79	2,665.79
William P. Jones Bennett Fund	36,756.66			36,756.66	2,376.28	2,376.28
Pliny Earle Chase Memorial Fund	68,113.78			68,113.78	4,403.24	4,403.24
Haverford College Pension Fund	3,272.24			3,272.24	211.54	211.54
	112,040.73			112,040.73	7,242.92	7,242.92
	261,422.49			261,422.49	16,899.77	16,899.77
Funds for Special Purposes						
Thomas Shipley Fund	5,248.00			5,248.00	339.26	202.13
	\$5,248.00			\$5,248.00	\$256.36	\$202.13
						\$339.49
						\$339.49

Credit	
Balance	8/31/57
393.49	
129.48	
1,843.30	
1,130.46	
521.02	
1,437.56	
58.47	
21.69	
—	
656.12	
62.49	
429.94	
983.35	
—	
903.55	
407.88	
993.78	
35.89	
48.41	
137.56	
224.18	
2,398.80	
378.77	
80.85	
3,277.04	

REPORT ON CONSOLIDATED FUNDS

	Principal				Net Income	Expended	Special	Totals	Credit Balance 8/31/57
	Book Value 9/1/56	Increase	Decrease	Book Value 8/31/57					
John Farnum Memorial Fund	\$ 33,087.87	\$ 138.19		33,226.06	1,194.21	1,194.21			
Nathan Branson Hill Trust	-0-			-0-	112.78	112.78			
W. Percy Simpson Trust	-0-			-0-	2,637.44	2,637.44			
Henry C. Brown Trust	-0-			-0-	7,561.98	7,561.98			
William Pyle Phillips Fund	2,067,929.67	133,717.64	4,000.00	2,197,647.31	102,434.27				
General						51,217.14	7,001.50 12		
							8,502.88 14		
							15,727.73 13		
							21,431.27 2		
							315.12 2		
							980.00 3		
Augustus Taber Murray Res. Scholarship Fd.	23,904.78	315.12		24,219.90					26,006.84
	2,124,922.32	134,170.85	4,000.00	2,255,093.27	1,295.12	62,723.55	53,858.60		
					22,332.29				
									26,006.84

SUMMARY OF CONSOLIDATED AND NON-CONSOLIDATED FUNDS

	Book Value		Increased	Decreased	Book Value		Net Income	NOTE: Key to Figures
	9/1/56	8/31/57			8/31/57	9/1/56		
Funds for General Purposes	\$5,869,955.63	\$318,351.85	2,455.03	\$105,000.00	6,103,347.48	384,604.13	1. Scholarships	
Funds for T. Wistar Brown Graduate School	379,768.66				382,223.69	24,550.32	2. Income to Principal	
Funds for Morris Infirmary	14,712.94				14,712.94	951.12	3. Annuity	
Fund for Haverford Union	1,878.82				1,878.82	121.46	4. Lectures	
Funds for Scholarships	465,243.98	20,172.34			485,416.32	30,448.48	5. Books	
Funds for Library	336,344.79	400.64			336,745.43	21,743.16	6. Religious Education Committee	
Funds for Old Style Pensions	261,432.49				261,432.49	16,999.77	7. Prizes & Services	
Funds for Special Purposes	96,291.21	1,385.89			97,677.10	9,090.80	8. Plants & Services	
							9. Equipment & Expenses	
							10. Work Camp Fees	
Undistributed Gains	650,967.48	151,945.71			802,913.19		11. Travel Study	
Total Consolidated Funds	8,096,626.00	494,711.46		105,000.00	8,486,337.46	488,409.24	12. Miscellaneous	
Total Non-Consolidated Funds	2,124,922.32	134,170.85		4,000.00	2,255,093.27		13. Visitors	
Total Funds	10,221,548.32	628,882.31		109,000.00	\$10,741,430.73		14. Library	

INCREASES IN CONSOLIDATED AND NON-CONSOLIDATED FUNDS

The Book Value increases \$628,882.31 as follows:

Donations for additions to funds	334,339.09
Income transferred to Principal	8,741.78
Net gains on securities sold & called:	
Consolidated Investments	151,945.71
Wm. Pyle Phillips Investments	133,717.64
John Farnum Memorial Fund	138.19
	<u>628,882.41</u>

INCOME RETURN: The net income return after allowing commission to our fiscal agent was 5.8% on book value of investments at end of year.

CLASSIFICATION OF INVESTMENTS

AUGUST 31, 1957

	<u>CONSOLIDATED ACCOUNT</u>			<u>NON-CONSOLIDATED ACCOUNT</u>		
	<u>BOOK VALUE</u>	<u>TOTAL</u>	<u>MARKET VALUE</u>	<u>BOOK VALUE</u>	<u>TOTAL</u>	<u>MARKET VALUE</u>
<u>BONDS</u>						
Government, U. S.	222,689.06		199,150	--		92,310
Industrial	450,073.50		433,959	92,367.00		87,500
Public Utility	551,041.72		530,620	92,012.50		200,601
Railroad	756,209.42		681,863	226,559.63		
Inst. of Govt.	117,382.82	2,097,396.52	114,400	--	410,939.13	380,411
<u>PREFERRED STOCK</u>						
Industrial	1,061,920.24		1,260,474	30,762.72		28,077
Public Utility	619,397.97		585,800	--		
Railroad	224,315.71	1,905,633.92	231,900	15,467.75	46,230.47	17,000
						45,077
<u>COMMON STOCK</u>						
Banks & Insurance	717,489.91		1,258,780	142,395.54		154,160
Industrial	1,560,662.69		3,506,787	1,167,606.07		1,878,756
Public Utility	1,317,149.37		1,712,736	439,071.94		650,347
Railroad	190,848.57		200,206	6,475.45		7,625
Miscellaneous	51,380.00	3,837,530.54	175,000	19,219.83	1,774,768.83	33,600
						2,724,488
<u>MORTGAGES</u>						
		80,748.16		80,748	725.00	725
<u>MISCELLANEOUS</u>						
College Real Estate	570,957.65					
Miscellaneous	24,698.56	595,656.21		595,656		
	over-invested	(30,627.89)		(30,627)	22,429.84	22,429
<u>CASH —</u>						
		9,486,337.46		11,487,452	2,255,093.27	3,173,130

Note: There is also held \$56,614.06 Banks & Insurance Company stock not included in the above figures, being holdings in C. WHARTON STORK ART GIFT FUND, which is not in the included Funds. This fund had an overdraft in principal cash of \$33,414.06.

SUMMARY OF THE ACCOUNTS OF
THE CORPORATION OF HAVERFORD COLLEGE
WM. MORRIS MAIER, TREASURER
ALDO CASELLI, COMPTROLLER

For the Year Ending Eighth Month 31, 1957

RECEIPTS

Income from Endowment Funds Consolidated

Funds for General Purposes	384,604.13	
T. Wistar Brown Graduate Sch. Fd.	24,550.32	
Morris Infirmary Funds	951.12	
Haverford Union Funds	121.46	
Scholarship Funds	30,448.48	
Library Funds	21,743.16	
Old Style Pension Funds.	16,899.77	
Special Purpose Funds	<u>9,090.80</u>	488,409.24

Income from Non-Consolidated Funds:

John Farnum Memorial Fund	1,194.21		
Augustus Taber Murray Research Scholarship Fund	1,295.12		
Charles Wharton Stork Art Gift Fd.	186.67		
Henry C. Brown Trust	7,561.98		
W. Percy Simpson Trust	2,637.44		
Nathan Branson Hill Trust	112.78		
William Pyle Philips Fund	<u>107,555.17</u>	<u>120,543.37</u>	608,952.61

Income from College Sources

Tuition and Dropped Courses	381,125.00	
Board	183,999.67	
Room	96,784.96	
Board and Room from Non-Students:		
Rent	2,244.00	
Rooms: Guests, Alumni, Faculty and Employees	4,514.00	
Meals: Day Students	3,219.59	
Faculty, Special Events Guests and Employees	20,511.61	
Summer Conferences	<u>16,599.28</u>	47,088.48

Miscellaneous Collections

Snack Bar	112.22
Bookstore	1,611.35
Infirmary	736.15
Fines	1,173.50
Transcripts	794.03
Sale of wood & furniture	341.00
Rent of wood & land	354.85

Forward 608,952.61

Forward 608,952.6

Miscellaneous Collections (continued)

Admission to games	1,570.76		
Sundry Collections	7,430.52		
Discounts Earned	669.60		
T. A. Benham's project	3,501.48		
Overhead for Benham's project	236.37		
Unit Fee	7,036.86		
Rental of Dining Room	3,000.00		
From Philips Account for Public Relations Cost	3,000.00	31,568.69	740,566.80

Interest Received 2,501.14

Donations for Additions to Funds 334,339.09
(as per schedule)

Donations other than Funds

For General Purposes:

From Foundation for Independent Colleges	6,156.40	
From Phila. Quartz Co.	5,000.00	
From Clarence Tobias	140.00	
From Columbia University	2,200.00	
From Jay R. Shusley	125.00	
From Thomas W. Elkinton	5,000.00	
From William T. Brewster	250.00	
From Household Finance Corp.	50.00	
From Frank Murphey	3,000.00	
From Yarnall Waring	1,000.00	
From Esso Education Foundation	5,000.00	
From E. I. DuPont de Nemours & Co.	1,500.00	
From Equitable Life Assurance Co.	1,000.00	
From Wm. Maul Measey Trust	5,090.08	
From Legh W. Reid	635.67	
From Anonymous	2,103.75	
From French Play	1,945.00	40,195.90

From Shoemaker Fund 3,000.00

For Scholarships

From Board of City Trusts	962.50
From Friends Freedmen's Assn.	3,000.00
From National Merit Corp. (Fdn.)	4,650.00
From Anonymous	150.00
From Haverford Society of New England	500.00
From Abbott Foundation	600.00
From Students Association Haverford College	783.50
From George Nicklin	50.00
From Mary Frances Nunnes	1,000.00
From Smith College	800.00
From Roy S. Shoemaker Foundation	600.00
From George School	100.00
From N.Y. State Elks	250.00

Forward 1,686,359.64

Forward 1,686,359.64

Donations other than Funds (continued)

From Westtown School	800.00	
From National Scholarship Fund		
For Negro Students	350.00	
From Atlantic City Friends School	250.00	
From Christian R. & Mary Lindback		
Foundation	1,000.00	
From Royal Society Club	65.00	
From J. Fred Lessfelt	100.00	
From William Lambie	1,200.00	
From Repayment of Student Loans	336.69	
From Union Carbide Corp.	4,983.76	
From Guggenheim Foundation	1,200.00	
From Scott Paper Foundation	3,000.00	
From Board of Education	1,600.00	
From Marple-Newton High School	<u>100.00</u>	28,431.45

For Music:

From Friends of Music	737.00	
From Mozart Festival Collections	<u>40.25</u>	777.25

For Athletics:

From sale of shoes	24.63	
From Friends of College for Cricket		
Trip	<u>944.00</u>	968.63

For Books and Library:

From Library Associates	805.00	
From Estate of Howard W. Elkinton	500.00	
From Christopher Memorial	473.00	
From Robert A. Locke	75.00	
From Beta Rho Sigma	20.00	
From Mrs. Robert Potts	5.00	
From Alexander Shand	10.00	
From Richard R. Wood, Jr.	5.00	
From Bernard W. Hollander	5.00	
From Mrs. Maurice Conrow	15.00	
From Matzke Royalties	<u>12.72</u>	1,925.72

For Campus Club:

From Keith Smiley		2.00
-----------------------------	--	------

For Radio Club:

From Interest		84.73
-------------------------	--	-------

For Faculty Publications:

From L. Wylie - refund	750.00	
From Lunt Memorial	<u>1,280.00</u>	2,030.00

For Faculty Projects:

Santer - From National Health		
Institute	7,685.00	
From National Science		
Foundation	3,000.00	
Green - From National Science		
Foundation	2,900.00	
Loewy - From Public Health		
Service	2,250.00	

Forward 1,686,359.64

Forward 1,686,359.64

Donations other than Funds (continued)

Gold Coast - From refund and cancellations	1,132.81	
Selove - National Science Foundation	11,900.00	
Psychology - From Smith Kline and French Foundation	5,000.00	
Chemistry - E. I. duPont de Nemours	2,500.00	
sale of tape recorder	<u>150.00</u>	36,517.81
For Sundries:		
From dividends	112.50	
From Fund for the Republic	492.98	
For Alumni Association:		
From Alumni Association	5,293.00	
For Anniversary gifts from classes	<u>12,951.75</u>	132,783.72
For Alumni Fund		72,714.27
For Human Relations (dividends)		162.00

Additions to Funds - Income Transferred to Principal

1949 Campaign Salary Fund	1,191.46	
Rufus M. Jones Fund for Advancement of Teaching	2,368.75	
1949 Campaign Library Fund	231.91	
1949 Campaign Scholarship Fund	310.46	
Moses Brown Fund	2,455.03	
J. Horace Cook Fund	793.47	
Mary Farnum Brown Library Fund	40.13	
Max Leuchter Scholarship Fund	530.84	
Isaac Thorne Johnson Scholarship Fund	178.72	
Augustus Taber Murray Scholarship Fund	315.12	
George Peirce Prize Fund	187.53	
Mathematics Department Prize Fund	48.22	
Jacob & Eugenie Bucky Foundation	<u>90.14</u>	8,741.78

Reserve for Non-Faculty Pensions (see account)

Pensions	9,604.00	
Interest	<u>2,878.41</u>	12,482.41

Death Benefit for Non-Faculty 1,000.00

Miscellaneous Items to Balance Accounts

Library Collections	652.96
Skating Pond receipts	1,241.85
Taxes Withheld	123,622.80
Sales Tax Collections	1,526.96
Advances to Corporation	12,850.00
In and Out	2,147.09
Collections from Faculty, Students & others for work done	7,561.96

Forward 1,914,243.82

Forward 1,914,243.82

Miscellaneous Items to Balance Accounts (continued)

Student Store - gross sales	21,628.73	
Loans Repaid	749.50	
Student Affairs	47.65	
Bookstore - collections	61,645.01	
Medical Reimbursement Plan for Budget	5,000.00	
Accounts Receivable from Students	808,790.86	
Accounts Receivable from Employees	40,957.14	
Accounts Receivable from U.S. Govt.	12,569.93	
Measey Trust - receipts	27,100.00	
Over & Short	<u>177.69</u>	1,128,270.13

Items Relating to other Fiscal Years

Advance receipts for following Years	18,259.03	
Rooms paid in advance	4,696.10	
Expenses for following years	49,260.68	
Prepaid Insurance - applied	11,171.17	
Accounts Payable	49,926.20	
Inventories	<u>10,993.20</u>	144,306.38

New Construction

From Corporation of Haverford College for Building Program	175,000.00
---	------------

Investments Realized

Consolidated Investments

Bonds

Government	99,387.78
Industrial	18,648.37
Public Utility	46,000.00
Railroad	55,000.00
Inst. of Govt.	173,386.72

Preferred Stock

Industrial	29,733.95
Public Utility	36,424.74

Common Stock

Banks & Insurance	103,404.41
Industrial	273,160.25
Public Utility	48,537.78
Railroad	3,855.48

Mortgages

Payments made	30,111.64
College Real Estate	9,679.32

Miscellaneous	<u>276.71</u>	927,607.15
-------------------------	---------------	------------

William Pyle Philips Investments

Bonds

Industrial	133,073.32
Railroad	50,000.00

Preferred Stock

Industrial	62,400.00
----------------------	-----------

Common Stock

Industrial	183,076.17	
Public Utility	<u>26,967.64</u>	455,517.13

John Farnum Memorial Fund	<u>1,439.44</u>	1,384,563.72
-------------------------------------	-----------------	--------------

Forward 4,746,384.05

Forward 4,746.384.05

Balances September 1, 1956

Treasurer's Account	61,764.63	
President's Account	<u>14,174.05</u>	<u>75,938.68</u>

TOTAL RECEIPTS 4,822,322.73

EXPENDITURES

1956-1957

Expenses of Running the College

Administration

Salaries	103,759.37	
Supplies & Postage	5,735.46	
Services	2,295.21	
Telephone & Telegraph	2,311.38	
Replacement & Repair	1,249.37	
Additional Equipment	610.05	
Taxes	1,689.97	
Insurance	265.18	
Traveling	1,479.47	
Public Relations	7,196.50	
Printing	5,871.58	
Entertainment	3,357.00	
Not Elsewhere Classified	<u>29,292.28</u>	165,112.82

Educational Departments

Salaries	478,850.51	
Supplies & Postage.	40,940.05	
Services	5,174.23	
Water, Heat, Light, Power.	30.92	
Telephone & Telegraph	3,716.57	
Replacement & Repair.	1,533.67	
Equipment	250.75	
Taxes	7,091.71	
Insurance	1,377.12	
Traveling	5,178.71	
Not Elsewhere Classified	<u>3,011.26</u>	547,155.50

Maintenance & Operation

Wages	110,292.89	
Supplies & Inventories.	13,251.30	
Contracts	13,260.15	
Water, Heat, Light, Power.	21,919.63	
Telephone & Telegraph	694.26	
Replacement & Repair.	20,733.08	
Equipment	3,699.10	
Taxes	9,571.40	
Insurance	7,525.64	
Not Elsewhere Classified	<u>27,701.25</u>	228,648.70

Kitchen

Salaries	67,222.26
Supplies & Postage	96,612.66
Services	11,942.69

Forward 940,917.02

Forward 940,917.02

Expenses of Running the College (continued)

Kitchen

Water, Heat, Light, Power. . . .	6,439.03	
Telephone & Telegraph	385.11	
Replacement & Repair	28,961.50	
Taxes	1,385.62	
Insurance	193.24	
Traveling	<u>250.38</u>	213,392.49

Development

Salaries	16,074.75	
Supplies	6,235.29	
Services	439.79	
Telephone & Telegraph	380.03	
Taxes	302.86	
Insurance	47.28	
Traveling	<u>396.25</u>	23,876.25
		1,178,185.76

Miscellaneous Expenses

Treasurer's, Secretary's, Legal & Board Expenses & Services . . .	13,014.08	
Old Style Pensions	25,674.92	
Interest	3,559.81	
Work Aid to Students	7,086.52	
Pensions to Non Faculty & Reserve	9,604.00	
Reserve for Death Benefit for Non Faculty	<u>1,000.00</u>	59,939.33
		59,939.33

Expenditures from Income of Funds

Scholarships

From General Funds	33,193.48	
From Scholarship Funds	24,525.00	
For Graduate Fellowships	1,500.00	
For Clementine Cope Fellowships.	1,400.00	
For Annuity	<u>265.50</u>	60,883.98

Expenditures from Income of Augustus Taber

Murray Fund

Annuity		980.00
-------------------	--	--------

Expenditures of Income of Funds for Library

Lectures	221.60	
Books	<u>11,018.39</u>	11,239.99

Expenditures from Income of Funds for

Special Purposes

Lectures	447.73	
Prizes	650.00	
Books	114.63	
Plants & Services	4,126.73	
Work Camp Fees	80.75	
Travel Study	122.97	
Religious Education Committee	200.00	
Miscellaneous	350.00	
Strawbridge Observatory.	<u>474.83</u>	6,567.64

Expenditures from Principal of Funds

For Building Program		105,000.00
Forward		1,422,796.70

Forward 1,422,796.70

Expenditures from Principal of
Wm. Pyle Philips Fund

Payment made in accordance with
agreement with Executors 4,000.00

Expenditures from Wm. Pyle Philips
Fund - Special

Visitors	21,431.27	
Library	15,727.73	
Books	7,001.50	
Miscellaneous	<u>8,502.98</u>	52,663.48

Expenditures from Donations other than Funds

For General Purposes	5,065.09
For Scholarships	21,911.26
For Music	734.24
For Athletics	774.89
For Books & Library	918.91
For Loans	565.94
For Overhead of College from Scholarship Grant	2,500.00
For Alumni Association Salaries . .	5,293.00
For Treasurer Room.	1,562.75
For Santer Project.	7,156.88
For Lunt Memorial Expenses	81.70
For Lemonick Project	2,461.20
For Green Project	1,078.91
For Jones Project	150.00
For Loewy Project.	5,246.12
For Selove Project	2,361.37
For Gold Coast Project	3,488.44
For Chemistry Department	2,451.16
For Mathematics Department	<u>888.90</u>
	64,690.76

For Alumni Fund to support College 14,676.61 79,367.37

Non Faculty Pensions

Paid from Reserve 4,857.53

Miscellaneous Items to Balance Accounts

Library Replacements	562.29
Skating Pond - Improvements to wall	4,731.89
Taxes Withheld - Paid	114,301.16
Penna. Sales Tax - Paid	1,508.00
Advances to Corporation.	12,850.00
In and Out	464.49
Work in Progress	7,102.68
Student Store - expenses.	21,247.49
Loans	4,374.68
Student Affairs	483.83
Bookstore - purchases & operations	54,689.46
Medical Reimbursement Plan - benefits paid	4,485.41
Accounts Receivable from Students - charges	809,166.21
Accounts Receivable from Employees - charges	71,468.67
Accounts Receivable from Government - charges	36,671.52
Treasurer's In & Out - transferred to proper places	1,486.63
Measey Trust - applied	<u>27,100.00</u>
	1,172,694.41

Forward 2,736,379.49

Forward		2,736,379.49
<u>Items Relating to other Fiscal Years</u>		
Advance Receipts - applied	25,015.62	
Rooms paid in advance - applied	4,474.46	
Expenses for following years - applied	36,772.57	
Prepaid Insurance	5,660.04	
Accounts Payable	11,049.98	
Inventories	<u>12,253.68</u>	95,226.35
<u>New Construction</u>		
Planting at Dormitories & Laboratories	1,070.00	
Field House	134,902.39	
Renovations of visiting team dressing room	1,414.57	
New Roads & Improvements	43,235.55	
Relocation of Facilities	10,582.76	
Shed & Garages.	492.31	
Power House	<u>12,496.84</u>	204,194.42
<u>Income Transferred to Principal</u>		
(see Receipts for items).		8,741.78
<u>Borrowed Money - returned</u>		110,000.00
<u>Investments made or donated</u>		
<u>Consolidated Investments</u>		
<u>Bonds</u>		
Government	99,387.78	
Industrial	152,554.19	
Public Utility	350,441.84	
Railroad	40,000.00	
Inst. of Govt.	47,937.50	
<u>Preferred Stock</u>		
Industrial	31,015.46	
Public Utility	33,476.24	
<u>Common Stock</u>		
Banks & Insurance	74,602.17	
Industrial	127,373.89	
Public Utility	<u>168,891.81</u>	1,125,680.88
<u>William Pyle Philips Investments</u>		
<u>Bonds</u>		
Industrial	82,457.50	
Public Utility	91,025.00	
<u>Common Stock</u>		
Banks & Insurance	95,985.20	
Industrial	142,870.30	
Public Utility	<u>25,785.75</u>	438,123.75
John Farnum Memorial Fund	10,064.95	
A. T. Murray Research Sch. Fd.	<u>987.50</u>	1,574,857.08
<u>Balances August 31, 1957</u>		
Treasurer's Account.	80,724.72	
President's Account	<u>12,198.89</u>	92,923.61
TOTAL EXPENDITURES		<u>4,822,322.73</u>

THE CORPORATION OF HAVERFORD COLLEGE

NON - FACULTY PENSIONS ACCOUNT

RECEIPTS

Balance September 1, 1956	57,568.27
Composed of Reserves and	
Interest Accumulated	

Added:

Yearly payments for future services	737.00	
Toward funding liability for past services	4,448.00	
On account of payments to retired persons	4,419.00	
Interest	<u>2,878.41</u>	70,050.68

EXPENDITURES

Pensions paid to seven persons:

William Anderson, Mabel Beard, Alfred J. Harris,	
Walter Muraski, Mary Norris, J. Otto Rantz,	
Henry Wilson	<u>4,857.53</u>

Balance August 31, 1957	<u><u>65,193.15</u></u>
-----------------------------------	-------------------------

HAVERFORD COLLEGE

August 31, 1957

REPORT NO. 31 OF "LOAN FUND" ESTABLISHED IN 1926

Current Year 1956 - 1957

Cash balance on hand August 31, 1956	5,989.30
9 Loans Repaid during year	2,190.01
9 Partial Payments on Loans during year	2,015.09
Interest Received during year	430.23
	<u>10,624.63</u>

Operating Expenses

13 Loans made during year	3,010.64
Refund - overpayment on interest	5.75
Cash on hand August 31, 1957	<u>7,608.24</u>
Loans Outstanding August 31, 1957	17,718.64
Interest Outstanding August 31, 1957	605.14
	<u>25,932.02</u>

Totals to August 31, 1957

Gifts and Donations	28,131.14
448 Loans Repaid	70,625.15
594 Payments on Loans	28,532.11
Interest paid up	17,535.82
Advance Received from Corporation of Haverford College	5,000.00
Other Sundry Collections	<u>50.02</u>
	149,874.24

Repayments of Gifts & Donations	21,708.05
Loss on funds & Merion Title & Trust Co.	582.01
Expenses	254.54
Loans Granted	<u>119,721.40</u>
	142,266.00

Cash Balance on hand August 31, 1957	7,608.24
Outstanding Interest to August 31, 1957	605.14
Outstanding Loans to August 31, 1957	<u>17,718.64</u>
	<u>25,932.02</u>

Lawrence E. Brown & Company

ESTABLISHED 1882

Certified Public Accountants
(PENNSYLVANIA)

W. EDWIN DILL
ROBERT W. JOHNSTON
R. CARL RHODES
ADDISON R. BROWN, JR.
ALBERT F. ZANGER

1917 FIDELITY-PHILADELPHIA TRUST BUILDING

PHILADELPHIA

October 10, 1957

Board of Managers
The Corporation of Haverford College
Haverford, Penna.

Dear Sirs:

We have examined the statement of receipts and expenditures and the operating statement for the fiscal year ended 8th Month 31, 1957, as set forth in the annual report of the Treasurer and Comptroller of the Corporation of Haverford College.

Our examination comprised the verification of the receipts and expenditures of the Treasurer and Comptroller for the year; the reconciliation of the cash balance at 8th Month 31, 1957 with the balance on deposit in bank; and the examination of the securities held by the Provident Trust Company and Fidelity Philadelphia Trust Company as fiscal agents for the Corporation.

In our opinion, the annual report of the Treasurer and Comptroller correctly sets forth the results of the operations of the Corporation of Haverford College for the fiscal year ended 8th Month 31, 1957, in conformity with generally accepted accounting Principles applied on a basis consistent with that of the preceding year.

Very truly yours,



LAWRENCE E. BROWN & CO.
Certified Public Accounts

DONATIONS FOR ADDITIONS TO FUNDS

1956 - 1957

THE FORD FOUNDATION ENDOWMENT FUND

Second half of Grant	175,000.00
--------------------------------	------------

THE FORD FOUNDATION ACCOMPLISHMENT FUND

Second half of Grant	119,000.00
--------------------------------	------------

CHARLES J. RHOADS FUND

Legacy of Charles J. Rhoads	5,000.00
---------------------------------------	----------

THOMAS HARVEY HAINES & HELEN HAGUE HAINES FUND

Bequest of Helen Hague Haines	12,426.18
---	-----------

LOUIS JAQUETTE PALMER SCHOLARSHIP FUND

From Triangle Society	359.00
---------------------------------	--------

CLASS OF 1917 SCHOLARSHIP FUND

William L. Baily	10.00	
William H. Chamberlin	15.00	
Jesse G. Forsythe	5.00	
Joseph W. Greene, Jr.	200.00	
Robert B. Haines, 3rd	25.00	
Dr. Albert W. Hall	50.00	
M. Alexander Laverty	20.00	
Arthur H. Napier	10.00	
John W. Spaeth, Jr.	18.92	
Arthur E. Spellissey	100.00	
Edward M. Weston	50.00	
		503.92

JOSEPH C. & ANNE N. BIRDSALL SCHOLARSHIP FUND

Gift of Anne N. Birdsall	5,000.00
------------------------------------	----------

MAX LEUCHTER SCHOLARSHIP FUND

Gift of Mrs. Max Leuchter	500.00
-------------------------------------	--------

THE SUMMERFIELD FOUNDATION SCHOLARSHIP FUND

Additional Gift	1,000.00
---------------------------	----------

W. LACOSTE NEILSON SCHOLARSHIP FUND

From family and friends of W. LaCoste Neilson	11,275.00
---	-----------

JACOB & EUGENIE BUCKY MEMORIAL FOUNDATION

Additional Gift	1,000.00
---------------------------	----------

DAVID R. BOWEN PREMEDICAL FUND

Gift from family	60.00
Forward	331,124.10

Donations for Additions to Funds (continued)

Forward 331,124.10

1949 CAMPAIGN SALARY FUND

Gifts from various donors (through 1949 Campaign) 1,285.99

RUFUS M. JONES FUND FOR THE ADVANCEMENT OF TEACHING

Gifts from various donors (through 1949 Campaign) 1,286.00

1949 CAMPAIGN SCHOLARSHIP FUND

Gifts from various donors (through 1949 Campaign) 514.40

1949 CAMPAIGN LIBRARY FUND

Gifts from various donors (through 1949 Campaign) 128.60

TOTAL DONATIONS FOR ADDITIONS TO FUNDS 334,339.09

THE FRIENDS OF MUSIC AT HAVERFORD

<u>Name</u>	<u>Amount</u>	<u>Name</u>	<u>Amount</u>
Dr. Francis Heed Adler	\$ 25.00	Hugues Leblanc	5.00
Janet M. Agnew	2.50	Mrs. William E. Lingelbach	5.00
Edward P. Alexander	10.00	Mr. & Mrs. Dean Lockwood	2.50
John W. Appel	5.00	Mrs. B. A. Ludgate, Jr.	5.00
Mrs. K. E. Appel	5.00	Miss Marjorie N. MacCoy	10.00
Mr. & Mrs. Asensio	5.00	Helen Taft Manning	10.00
Mrs. Maurice J. Babb	2.50	Jane Jackson Martin	2.50
Mrs. H. K. Bauernfeind	5.00	Dr. R. M. Martin	5.00
Ann Benham	2.50	Miss Virginia A. McCall	5.00
L. Joe Berry	5.00	Fritz Mezger	5.00
Mrs. Warner Berthoff	5.00	C. C. Morris	25.00
Mrs. John H. Bertolet	2.50	Caroline Newton	5.00
Miss Alice McM. Biddle	20.00	Robert Scott Noone	10.00
Mrs. Sydney G. Biddle	7.50	Mildred B. Northrop	2.50
Eleanor A. Bliss	5.00	Mrs. William A. Obdyke	5.00
Mrs. Ralph S. Bromer	5.00	Mrs. F. H. Osborn, Jr.	7.50
Mrs. T. R. S. Broughton	2.50	Miss Marjorie A. Paddock	2.50
Richard C. Bull	5.00	Otto Patzau	5.00
Mrs. Edytha M. Carr	2.50	Harry & Marie Pfund	5.00
John R. Cary	2.50	L. A. Post	2.50
Mrs. Richard L. Cary	5.00	Mrs. Richard Reckmagel	5.00
Aldo Caselli	5.00	Miss Marian Reed	2.50
Mrs. Theodore Casto	5.00	Jonathan Rhoads	10.00
Marion K. Cohen	5.00	Mrs. John F. Rich	10.00
Mrs. Howard Comfort	5.00	Caroline Robbins	10.00
Mrs. W. W. Comfort	5.00	Mr. & Mrs. Ralph Sargent	5.00
Bennett S. Cooper	2.50	Mrs. C. C. Savage	10.00
Mrs. James Creese	5.00	Mr. & Mrs. Lawrence Saunders	5.00
Mr. & Mrs. F. Cunningham, Jr.	5.00	Mrs. Lewis C. Scheffey	10.00
Miss Elinor E. Curwen	5.00	Mrs. John S. Sharpe	5.00
Mr. & Mrs. Henry S. Drinker	50.00	Mrs. T. Kite Sharpless	2.50
Gertrude Ely	15.00	Mary C. Smith	5.00
Mrs. Samuel Emlen	5.00	The Misses Steen	15.00
Mrs. McClure Fahnestock	2.50	Dr. S. Emlen Stokes	5.00
Miss Alice B. Farr	5.00	Miss Lily Ross Taylor	2.50
Mrs. C. B. Farr	2.50	Mrs. Arthur H. Thomas	5.00
Mrs. Harrison F. Flippin	5.00	Miss Carol H. Thomas	5.00
Clare Ray Ford	5.00	Mrs. Dita Toennies	5.00
Dr. Robert S. Forster	2.50	Helen Norris Tuttle	7.50
Mrs. A. V. Fowler	2.50	Mrs. C. Wilbur Ufford	5.00
Mrs. S. E. Fuller	10.00	Mrs. Andrew C. Vauclain	2.50
John W. Goppelt	2.50	Mr. M. J. Van Mappes	2.50
Martha R. Goppelt	2.50	Mrs. George Vaux	5.00
Mrs. Louis Green	5.00	Adolph Vogel	20.00
Miss Cynthia Griffin	5.00	Joseph A. Wagner, M.D.	2.50
Miss G. H. Griscom	5.00	Jane Walker	5.00
Miss Ethel Hastings	5.00	Robert L. Walker	5.00
Miss Alice Martin Hawkins	2.50	Mrs. W. N. West, III	2.50
Mrs. Nathan Hayward	2.50	Mrs. William White	5.00
Mrs. Charles J. Hepburn, Jr.	5.00	Mr. & Mrs. F. Earl Williams	5.00
Mr. & Mrs. Harrison Hires	5.00	Albert H. Wilson	10.00
Dr. Robert W. Hopkins	5.00	Ellen Winsor	5.00
Holland Hunter	5.00	Dorothy Wire	2.50
Theodore & Vreni Hurliman	5.00	Mr. Robert J. Wisner	5.00
Raymond A. Hutchinson	5.00	Owen J. Wister	20.00
John A. Kelly	2.50	Alexander C. Wood, Jr.	2.50
Mrs. George Kerbough	15.00	Mrs. William S. Wood	2.00
William Kohler	7.50	Mrs. Raymond D. B. Wright	2.50
Alice Lattimore	5.00	Mr. & Mrs. George Zimmerman	10.00

Total \$ 737.00

CONTRIBUTORS TO THE CRICKET TRIP TO CANADA

<u>Name</u>	<u>Amount</u>	<u>Name</u>	<u>Amount</u>
Mr. Donald G. Baker	\$ 10.00	Mr. Raymond T. Ohl	\$ 10.00
Mr. R. C. Baker	5.00	Mr. Chalmers V. A. Pittman . .	25.00
Anthony M. Carey	25.00	Mr. Edward A. G. Porter	15.00
Mr. G. Cheston Carey	10.00	Mr. Arnold R. Post	10.00
Mr. A. R. Carman, Jr.	25.00	Mr. Leonard C. Ritts	25.00
Mr. Loring Dam	25.00	Mr. William H. Roberts, Jr. . .	10.00
Mr. E. A. Edwards	15.00	Mr. Charles Robinson	25.00
Mr. Harold Evans	10.00	Mr. Henry Scattergood	3.00
Mr. S. N. Ewan, Jr.	10.00	Dr. Frederic C. Sharpless	25.00
Mr. Thomas C. Garrett	25.00	Mr. James M. Standring, Jr. . .	15.00
Mr. Edward L. Gordy	25.00	Dr. S. Emlen Stokes	100.00
Mr. J. Jarden Guenther	10.00	Mr. J. Tyson Stokes	25.00
Mr. Gaylord P. Harnwell	25.00	Mr. Francis R. Strawbridge . . .	10.00
Mr. W. D. Hartshorne	5.00	Mr. A. G. Tatnall	10.00
Mr. H. S. Hires	25.00	Mr. H. G. Taylor, Jr.	15.00
Mr. C. G. Hoag	20.00	Dr. Henry M. Thomas, Jr. . . .	25.00
Mr. Allen F. Horton	10.00	Mr. Leonard V. H. Thomas . . .	5.00
Mr. James M. Houston	10.00	Mr. Charles Warner, Jr.	15.00
Mr. Charles E. Howson	15.00	Mr. William Webb	10.00
Mr. William T. Kirk	10.00	Mr. John S. Williams	25.00
Mr. Amos P. Leib	1.00	Mr. John Haines Wills	10.00
Mr. Bernard Lester	5.00	Mr. Thomas Wistar	50.00
Mr. C. C. Morris	100.00	Mr. Alexander C. Wood, Jr. . .	20.00
Mr. Theodore H. Morris, III . . .	25.00		
Mr. John W. Muir	15.00		
			\$ <u>944.00</u>

CONTRIBUTORS TO THE "LIBRARY ASSOCIATES"

<u>Name</u>	<u>Amount</u>	<u>Name</u>	<u>Amount</u>
Mr. & Mrs. Charles D. Abbott . .	\$ 10.00	Mr. & Mrs. Thomas E. Drake . .	\$ 5.00
Mr. & Mrs. David W. Amram, Jr. .	4.00	Mr. & Mrs. Henry S. Drinker, Jr.	20.00
Dr. & Mrs. Kenneth E. Appel . . .	100.00	Mrs. Emmett R. Dunn	2.00
Mr. & Mrs. Manuel Asensio	2.00	Mr. & Mrs. Harold Evans	5.00
Mrs. Bertil Axelsson	10.00	Mr. William Bacon Evans	2.00
Mrs. Chas. B. Barclay	2.00	Mrs. McClure Fahnestock	7.00
Mrs. Robert M. Bird	3.00	Mr. & Mrs. Clifford B. Farr . . .	2.00
Mr. & Mrs. Paul Bleyden	2.00	Miss Frances C. Ferris	1.00
Mr. & Mrs. Hugh Borton	10.00	Miss Kathryn V. Forrest	2.00
Mr. & Mrs. Harry F. Boylan	5.00	Mrs. J. Holcombe Genung	5.00
Mr. & Mrs. Harold Brecht	2.00	Mr. & Mrs. Douglas W. Gould . .	2.00
Mr. & Mrs. Friedrich Bruns	5.00	Mr. & Mrs. Louis C. Green	2.00
Mr. & Mrs. Wm. E. Cadbury, Jr. . .	4.00	Miss Gladys H. Griscom	10.00
Mr. & Mrs. Edward H. Cahill	5.00	Mr. & Mrs. John F. Gunmere . . .	4.00
Mrs. Richard L. Cary	5.00	Mr. & Mrs. Richard M. Gummere .	2.00
Mr. & Mrs. Aldo Caselli	5.00	Mr. & Mrs. Edward Haack	8.00
Mrs. George H. Chambers	4.00	Mrs. T. H. Hart	2.00
Mr. & Mrs. George K. Chandler . . .	2.00	Miss Ethel Hastings	10.00
Mrs. Henry Clifford	50.00	Mrs. John V. Hastings, Jr.	5.00
Dr. & Mrs. J. Howard Cloud	4.00	Mr. & Mrs. Harrison S. Hires . . .	25.00
Mr. & Mrs. Howard Comfort	2.00	Mr. & Mrs. William L. Hires . . .	10.00
Mr. & Mrs. Bennett S. Cooper . . .	2.00	Mr. & Mrs. H. J. Hogenauer . . .	15.00
Mr. & Mrs. O. L. Coward	4.00	Mr. & Mrs. Clayton W. Holmes . .	2.00
Mr. & Mrs. James A. Crawford . . .	2.00	Mr. & Mrs. Allen F. Horton	10.00
Mr. & Mrs. Carlton Cressman . . .	2.00	Mr. & Mrs. Holland Hunter	2.00
Mr. Claude A. Cubberley	2.00	Mrs. Ralph D. Jackson	2.00
Miss Meribah C. Delaplaine	2.00	Mr. & Mrs. Richard Jenney	4.00
Mr. & Mrs. William B. Dickinson . .	2.00	Mr. & Mrs. Ames Johnston	5.00
Mrs. William Dohan	5.00	Mr. & Mrs. J. B. Jones	5.00

CONTRIBUTORS TO THE "LIBRARY ASSOCIATES" (Continued)

<u>Name</u>	<u>Amount</u>	<u>Name</u>	<u>Amount</u>
Miss Mary Hoxie Jones	\$ 2.00	Mr. & Mrs. W. P. Sadler	\$10.00
Mr. J. D. Kenderdine	2.00	Mr. & Mrs. R. M. Sargent . . .	5.00
Mrs. William M. Kift	5.00	Mr. & Mrs. C. C. Savage, Jr. . .	10.00
Dr. & Mrs. J. M. Kimmich	2.00	Dr. & Mrs. L. C. Scheffey . . .	10.00
Mr. & Mrs. M. A. Laverty	4.00	Mr. & Mrs. R. A. Schlegel . . .	2.00
Mrs. Arthur Leverkus	2.00	Miss H. Louise Searle	2.00
Miss D. H. Litchfield	15.00	Mr. & Mrs. George H. Sharp . . .	2.00
Mr. & Mrs. D. P. Lockwood	2.00	Dr. & Mrs. F. C. Sharpless . . .	2.00
Mr. & Mrs. Arthur B. Loder	5.00	Mr. & Mrs. T. K. Sharpless . . .	2.00
Mrs. J. H. Longmaid	5.00	Mr. Lucius R. Shero	5.00
Miss Beatrice MacGeorge	5.00	Miss Mary C. Smith	5.00
Mr. & Mrs. W. M. Maier	5.00	Mr. & Mrs. Edward D. Snyder . .	2.00
Mr. & Mrs. R. M. Martin	4.00	Mr. Freas B. Snyder	4.00
Miss Belle Matheson	5.00	Mr. & Mrs. Herbert W. Starr . .	2.00
Mrs. Joseph B. McCall	2.00	Miss Margaret H. Steen	2.00
Mr. & Mrs. R. W. Mecaskey	2.00	Miss Mary H. Steen	2.00
Mr. C. C. Morris	25.00	Mr. Jonathan M. Steere	5.00
Mr. & Mrs. C. N. Myers	2.00	Mrs. J. Stogdell Stokes	5.00
Mrs. C. B. Nichols	3.00	Mr. Hugh E. Stone	10.00
Dr. & Mrs. J. T. Nicholson	20.00	Mrs. Kenneth E. Stuart	5.00
Mr. Mrs. R. S. Noone	10.00	Mr. & Mrs. Philip S. Sweetser . .	5.00
Mr. & Mrs. C. O. Oakley	2.00	Mr. & Mrs. Allen M. Terrell . . .	3.00
Mr. & Mrs. Paul W. Ohl	2.00	Miss Frances W. Terry	2.00
Mr. & Mrs. R. T. Ohl	10.00	Mrs. Arthur H. Thomas	5.00
Mr. & Mrs. F. Palmer	2.00	Miss Carol H. Thomas	2.00
Dr. Ethel G. Peirce	3.00	Mr. & Mrs. Reynolds Tilden . . .	2.00
Mrs. LeRoy Pemberton	2.00	Mr. & Mrs. Frank D. Watson . . .	2.00
Mr. & Mrs. Charles Perry	5.00	Mr. & Mrs. Brinton Whitall . . .	2.00
Mr. & Mrs. H. W. Pfund	4.00	Mr. & Mrs. Gilbert F. White . . .	2.00
Mr. & Mrs. L. A. Post	5.00	Mr. & Mrs. F. Earl Williams . . .	2.00
Miss Ida W. Pritchett	5.00	Mr. H. Justice Williams	5.00
Mr. & Mrs. Francis J. Quinn	2.00	Mr. & Mrs. William M. Wills . . .	2.00
Mr. & Mrs. L. B. Register	5.00	Mr. Albert H. Wilson	5.00
Mr. Legh W. Reid	3.00	Mr. & Mrs. D. W. Wilson	2.00
Mr. Thomas C. Reid	10.00	Miss Rebecca B. Wistar	5.00
Mr. & Mrs. John F. Rich	10.00	Mr. Thomas Wistar	10.00
Mr. Charles S. Ristine	10.00	Mr. & Mrs. R. R. Wood	10.00
Mr. & Mrs. L. H. Rittenhouse . . .	2.00		
Mrs. L. B. Robinson	10.00	Total	<u>805.00</u>

CONTRIBUTORS TO THE CHRISTOPHER MORLEY MEMORIAL FUND

<u>Name</u>	<u>Amount</u>	<u>Name</u>	<u>Amount</u>
Mr. E. Page Allinson	\$ 50.00	Mrs. Samuel Mason, Jr.	\$ 5.00
Mrs. Bertil Axelsson	10.00	Mr. & Mrs. R. S. Noone	10.00
Mr. H. Ernest Crow	5.00	Walter Palmer	25.00
Mr. William S. Crowder	3.00	Mr. & Mrs. Charles Perry	5.00
Edward W. David	10.00	Hon. John Phillips	15.00
Mr. Henry S. Drinker	10.00	Mr. L. Arnold Post	10.00
Mr. E. Nelson Edwards	10.00	Mr. & Mrs. Layton B. Register . .	10.00
Miss Esther H. Flynt	10.00	Mr. C. S. Ristine	10.00
Carroll A. Haines	5.00	Mr. & Mrs. R. M. Sargent	25.00
Mr. William S. Hall	50.00	Miss Mary C. Smith	3.00
Mr. Harrison S. Hires	100.00	Dr. S. Emlen Stokes	10.00
John D. Kenderdine	10.00	Miss Frances W. Terry	2.00
George A. Kerbaugh	10.00	Mr. Willard Tomlinson	10.00
Mr. Jacob M. Langsdorf	5.00	Mr. William L. G. Williams . . .	10.00
Mr. & Mrs. James P. Magill	25.00	Eugene R. Zieber	10.00
		Total	<u>473.00</u>

CONTRIBUTORS TO THE WILLIAM E. LUNT MEMORIAL FUND

Name	Amount	Name	Amount
George B. Allen	\$ 10.00	Mr. Wallace MacCaffrey	20.00
Mr. Carl B. Allendoerfer	25.00	Mr. Archibald MacIntosh	10.00
Mr. Timothy B. Atkeson	5.00	Mr. Joseph W. Martin	10.00
Mr. Schuyler Forbes Baldwin . .	10.00	Mr. J. Don Miller	25.00
Mr. John F. Benton	10.00	Mr. Felix Morley	10.00
Mr. David C. Bevan	25.00	Mr. George L. Mosse	25.00
Mr. Clifton McC. Bockstoce . .	10.00	Mr. Clyde Nichols	5.00
Mr. George B. Bookman	5.00	Mr. Merlin W. Packard	100.00
Mr. Hugh Borton	15.00	C. K. Peters	25.00
Mr. Marvin L. Brown, Jr.	20.00	Mr. Harry W. Pfund	5.00
Mr. William H. Chartener	5.00	Mr. Arnold R. Post	5.00
Mr. John B. Christopher	150.00	Mr. John B. Rhoads	10.00
Mr. J. A. Curran	10.00	Mr. Owen B. Rhoads	100.00
Dr. Thomas E. Drake	100.00	Mr. Henry W. Scarborough . . .	50.00
Mr. Louis J. Finger	25.00	Mr. William S. & T. David, Jr .	25.00
Mr. John B. Flint	5.00	Mr. E. Thomas Snipes	5.00
John P. Fox	10.00	Mr. C. W. Ufford	5.00
Mr. Henry S. Fraser	25.00	Mr. William Nelson West, 3rd .	25.00
Mr. Edgar B. Graves	50.00	Dr. Gilbert F. White	100.00
Mr. David S. Harden	50.00	Mr. Nelson A. White	25.00
Mr. Allen F. Horton	10.00	Mr. Evan M. Wilson	100.00
Mr. Harold M. Lane	5.00	Mr. Robert B. Wolf	10.00
Mr. William H. Luden, Jr. . . .	10.00		
		Total	<u>\$1,280.00</u>

CONTRIBUTORS TO THE PRESENTATION OF JEAN-LOUIS BARRAULT "LE MESANTHROPE"

Name	Amount	Name	Amount
Mr. & Mrs. Curtis Bok	\$ 15.00	Mr. & Mrs. Walter C. Pew . . .	1,100.00
Mr. & Mrs. Henry Clifford	100.00	Mr. & Mrs. George Roberts . .	15.00
Mr. & Mrs. William Crowder . .	25.00	Mr. & Mrs. A. Rosengarten, Jr. .	100.00
Mr. & Mrs. R. M. de Schauensee .	100.00	Mr. & Mrs. Laurence Saunders .	100.00
Miss Gertrude Ely	25.00	Mr. & Mrs. Edgar Scott	50.00
Mrs. J. Holcombe Genung	15.00	Mrs. J. Stogdell Stokes	25.00
Mr. & Mrs. Philip Klein	100.00	Mr. & Mrs. C. N. Welsh, Jr. . .	100.00
Mr. & Mrs. Herbert C. Morris . .	50.00	Mr. H. Justice Williams	25.00
		Total	<u>\$1,945.00</u>

CONTRIBUTORS TO ANNIVERSARY GIFTS

Class of 1907

Karl J. Barr
Richard Cadbury
George Comfort
Walter L. Croll
Harold Evans
Francis D. Godley
Samuel J. Gummere
Wilbur H. Haines
Lee E. Hood

Ernest F. Jones
James P. Magill
Howard Mitchell
Alfred B. Morton
Jose Padin
Emmett R. Tatnall
Charles C. Terrell
W. Butler Windle

Contributors: 100%

Total for the year: \$10,102.50

Class of 1933

James Andrews, Jr.
John F. McMahon
George B. Rice
William Russell
Henry W. Scarborough
J. N. Stanton

Contributors: 8.5%

Total for the year: \$560.00

CONTRIBUTORS TO ANNIVERSARY GIFTS (Continued)

Class of 1934

Robert C. Atmore
 Charles M. Bancroft
 Mrs. Louis Flaccus
 Louis W. Flaccus, Jr.
 Grant V. Frazer
 J. Morton Fultz, Jr.
 Leonard L. Greif, Jr.
 Eugene F. Hogenauer
 Ray B. Houston
 Hunt B. Jones
 R. Bruce Jones
 J. Douglas Lockard

Benjamin Loewenstein
 Sidney Loewenstein
 David G. Loomis
 Robert W. McKee
 Richard R. Pleasants
 Asa Potts
 A. Thomas Richie
 Mrs. Margaret Russell
 Henry Russell
 Roger Scattergood
 Erwin Schmid
 William Wharton Smith
 Matt W. Stanley
 F. H. Wright
 Willard W. Wright, Jr.

Contributors: 27%

Total \$2,239.25

Class of 1935

Bradley Watkins

Contributors: 1.2%

Total \$50.00

CONTRIBUTORS TO ANNUAL GIVING

1882

100% Contributing
 Amount Given — \$150
 Edward Randolph

1887

33 $\frac{1}{3}$ % Contributing
 Amount Given — \$25
 Edward F. Chillman

1890

50% Contributing
 Amount Given — \$300
 Jonathan M. Steere

1892

44% Contributing
 Amount Given — \$190
 Augustine W. Blair
 John W. Muir
 Maxfield Parrish
 Stanley R. Yarnall

1893

60% Contributing
 Amount Given — \$530
 Clarence G. Hoag
 Barton Sensenig
 Edward Woolman

1894

43% Contributing
 Amount Given — \$260
 Henry S. Conard
 Clifford B. Farr
 Frederick P. Ristine

1897

38% Contributing
 Amount Given — \$275
 Thomas M. Chalfant
 Charles H. Howson
 William G. Rhoads

1898

100% Contributing
 Amount Given — \$505
 William W. Cadbury
 Vincent Gilpin
 Joseph H. Haines
 F. Sims McGrath
 Samuel R. Morgan
 Frederic Stadelman
 Francis R. Strawbridge
 Robert N. Wilson
 Thomas Wistar

1899

60% Contributing
 Amount Given — \$535
 William A. Battey
 Edward H. Lycett, Jr.
 Louis R. Wilson

1900

73% Contributing
 Amount Given — \$570.79
 Francis R. Cope, Jr.
 Henry S. Drinker
 Frank M. Eshleman
 Henry M. Hallett
 Samuel W. Mifflin
 Heber Sensenig
 Frederic C. Sharpless
 Abram G. Tatnall

1901

57% Contributing
 Amount Given — \$185
 Ellis Y. Brown, Jr.
 William E. Cadbury
 Lovett Dewees
 William H. Kirkbride
 Herbert S. Langfeld
 W. La Coste Neilson
 Frederick W. Sharp
 J. Leiper Winslow

1902

63% Contributing
Amount Given — \$760

C. Reed Cary
Edward W. Evans
Richard M. Gummere
William C. Longstreth
Percival Nicholson
Robert J. Ross
John L. Stone
C. Wharton Stork
E. Earl Trout
Alexander C. Wood, Jr.

1903

58% Contributing
Amount Given — \$110

Henry J. Cadbury
Archer Griffin Dean
Hervey M. Hoskins
Cadwalader W. Kelsey
Robert L. Simkin
I. Sheldon Tilney
Howard M. Trueblood

1904

71% Contributing
Amount Given — \$915

Howard H. Brinton
John W. Charles
Arthur Crowell
William T. Hilles
William M. C. Kimber
Bernard Lester
C. Christopher Morris
Harold H. Morris
C. Raymond Owen
Harold M. Schabacker
James M. Stokes
John R. Thomas
E. Porter West
William M. Wills
Samuel C. Withers

1905

63% Contributing
Amount Given — \$515

Thomas M. Bales
Sydney M. Boher
Benjamin Eshleman
Arthur H. Hopkins
Paul Jones
E. Converse Peirce
Glyndon Priestman
Elias Ritts
Sigmund Spaeth
Chester J. Teller
Edwards F. Winslow

1906

42% Contributing
Amount Given — \$435

Walter Carson
Thomas Crowell
Gordon H. Graves
Jackson Maloney
Roderick Scott
Raphael J. Shortlidge
Albert K. Smiley
John A. Stratton

1908

63% Contributing
Amount Given — \$615

Carroll T. Brown
Dudley De Witt Carroll
J. Browning Clement, Jr.
Clifford C. Collings
Thomas C. Desmond
Edward A. Edwards
J. Passmore Elkinton
J. Jarden Guenther
Thomas R. Hill
W. Wesley Kurtz
M. Albert Linton
T. Morris Longstreth
William H. Morriss
Charles H. Rogers
Loren C. Petry
Winthrop Sargent, Jr.

Walter R. Shoemaker
George K. Strode
Walter W. Whitson

1909

33% Contributing
Amount Given — \$285

Percival B. Fay
Allan J. Hill
Charles G. Martinson
Paul Van R. Miller
Joseph W. Pennypacker
Frank McC. Ramsey
J. Warrington Stokes
Robert L. M. Underhill

1910

45% Contributing
Amount Given — \$1,690

Earl S. Cadbury
Donald B. Cary
Edward W. David
Joseph C. Develin
E. Nelson Edwards
Harrison S. Hires
John D. Kenderdine
George A. Kerbaugh
Charles M. Leininger
Samuel Mason, Jr.
Reginald H. Morris
Walter Palmer
Charles S. Ristine
Willard P. Tomlinson

1911

40% Contributing
Amount Given — \$748.75

Daniel B. Boyer
Philip B. Deane
Herbert V. Gallagher
Wm. D. Hartshorne, Jr.
L. Arnold Post
Joseph H. Price
D. Duer Reynolds
Victor Schoepperle

Lucius R. Shero
Gibson Smith
Howard G. Taylor, Jr.
Caleb Winslow

1912

49% Contributing
Amount Given—\$1,250
Albert L. Baily, Jr.
Joshua L. Baily
Stacey K. Beebe
Albertus L. Biedenbach
John A. Brownlee
Douglas P. Falconer
Hans Froelicher, Jr.
Walter F. Graham
Robert E. Miller
Charles T. Moon
Sydney S. Morris
J. Hollowell Parker
Irvin C. Poley
Kenneth A. Rhoad
Leonard C. Ritts
Thomas E. Shipley
Lloyd M. Smith
Henry M. Thomas, Jr.

1913

47% Contributing
Amount Given — \$990

Paul H. Brown
William S. Crowder
Charles G. Darlington
Francis H. Diamant
Charles E. Hires, Jr.
W. Church Longstreth
William M. McConnell
Stephen W. Meader
George Montgomery
Oliver M. Porter
Frederick P. Stieff
L. Ralston Thomas
John H. Van Sickle
William Webb
Donald Wilder
George L. Winslow

1914

75% Contributing
Amount Given—
\$3,931.47
H. Ernest Bell
Jules S. Bentley
Walter G. Bowerman
Carroll D. Champlin
Leonard B. L. deSabran
George V. Downing
C. Willis Edgerton
Alfred W. Elkinton
Thomas W. Elkinton
Joseph C. Ferguson
Lewis J. Finestone
Edward M. Jones
Harold M. Lane
Robert A. Locke
Rowland P. McKinley
Harold S. Miller
Douglas L. Parker
Baxter K. Richardson
Herbert W. Seckel
Robert C. Smith
Francis C. Stokes
S. Emlen Stokes
John A. Stout
Leonard V. H. Thomas
Thomas Tomlinson
Douglas Waples
Charles R. Williams

1915

42% Contributing
Amount Given — \$355
Percival R. Allen
G. Cheston Carey
John W. Gummere
George Hallett, Jr.
Harold W. Helveston
Thomas Hoopes, Jr.
Hubert A. Howson
Joseph McNeill
Elmer L. Shaffer
Walter E. Vail
Donald B. Van Hollen
Ernest N. Votaw

1916

55% Contributing
Amount Given—\$1,650
Frederick C. Buffum, Jr.
Frank W. Cary
J. Arthur Cooper
Bolton L. Corson
George A. Dunlap
Albert G. Garrigues
William T. Hannum
Perry A. Hunter
H. Alden Johnson
Raymond C. Kendig
C. Prescott Knight, Jr.
John Kuhns
Philip L. Leidy
John G. Love, Jr.
Edward F. Lukens
William L. Martwick
Edward R. Moon

1917

40% Contributing
Amount Given — \$925

Ernest L. Brown
J. Howard Buzby
William H. Chamberlin
Donald Chandler
Loring Dam
Jesse G. Forsythe
William J. Gardiner
Joseph W. Greene, Jr.
Weston Howland
H. Lawrence Jones
Hugh E. McKinstry
Arthur H. Napier
Newlin F. Paxson
Edmund T. Price
Carl M. Sangree
John W. Spaeth, Jr.
Arthur E. Spellissy
J. Clayton Strawbridge
Harold Q. York

1918

70% Contributing
Amount Given — \$810

John W. Alexander
Harrison H. Arnold
Herbert H. Bell
Bennett S. Cooper
J. Marshall Crosman
Stephen Curtis
Frank Deacon
Alfred H. Dewees
Neil Gilmour
Robert B. Greer
Henry M. Hallett, II
William H. Harding
Joseph M. Hayman, Jr.
Malcolm D. Kerbaugh
Henry W. Koons
Louis C. O. Lusson
Robert W. Moore
William M. Mussetter
Herbert J. Painter
W. Ralph Porch
Edward A. G. Porter
Harry P. Schenck
Joseph W. Sharp, III
Morris S. Shipley
David R. Stief
Oliver P. Tatum
John W. Thacher
P. S. Thornton
Albert H. Tomlinson
Alfred J. Townsend

1919

50% Contributing
Amount Given — \$966

William J. Brockelbank
Hudson Chapman
Francis Goodhue, III
Edgar B. Graves
William F. Hastings
John S. Haynes
George H. Hubler
Stewart Huston
Furman H. Limeburner
Thomas McConnell, III

Ralph F. S. Moock
A. Douglas Oliver
Walter P. Shipley, Jr.
Chester M. Sutton
Cleaver S. Thomas

1920

42% Contributing
Amount Given—\$1,697.91

Benjamin Collins
Lucius W. Elder, Jr.
Donald A. Flanders
Edwin O. Geckeler
Frank T. Gucker
Milton A. Kamsler
Thomas H. Kearney
A. Douglas Knowlton
James I. Mullin
John D. Reese
Edward L. Smith
Horace F. Spencer
James E. Sutton
Henry R. Tatnall
Granville E. Toogood
John S. Williams
Richard R. Wood
Granville Worrell

1921

56% Contributing
Amount Given—\$1,265

James M. Baker
C. Addison Brinton
Elliot W. Brown
Paul H. Caskey
Melvin A. Cawl
E. Newbold Cooper
Peter Donchian
Cornell M. Dowlin
Thomas Fansler
Edward C. Haines
Alan W. Hastings
Herschel C. Henderson
John R. Hoopes
William T. Jebb

John H. Klaren, Jr.
Henry W. Kumm
John W. Leonard
Julian S. Long
Archibald MacIntosh
John D. Miller
Samuel A. Nock
Raymond T. Ohl
A. Arthur Powell
Hubert T. Richardson
M. Huyett Sangree
C. Wilbur Ufford
Benj. B. Weatherby, II
Robert N. Wood

1922

35% Contributing
Amount Given — \$860

Noel S. Arrowsmith
John B. Barker
Andrew Brown
Henry S. Fraser
John F. Gummere
Ralph A. Klemm
Robert R. Matzke
Elliston P. Morris
Chauncey G. Paxson
Harry W. Pfund
William A. Reitzel
Richard M. Sutton
Thomas Tatnall
Edward A. Taylor
Kenneth B. Walton
J. Colvin Wright

1923

51% Contributing
Amount Given—\$2,263.73

Russel G. Allen
John C. Borton
H. Tatnall Brown, Jr.
Addison S. Buck
Hal G. Farrar
Frank P. Flint
Gilbert C. Fry
G. Randle Grimes

William H. Hamilton
 E. Kenneth Haviland
 C. Dixon Heyer
 Rees S. Himes
 Garrett S. Hoag
 Marcus D. Hutkin
 Wilmot R. Jones
 S. Brooks Knowlton
 Robert W. Leeds
 Andrew L. Lewis
 Thomas Parke
 Dudley M. Pruitt
 Robert Schultz
 Alfred L. Test
 Charles Warner, Jr.
 Nelson A. White

1924

45% Contributing
 Amount Given—\$1,495

J. Stanton Carson
 Edward Foulke
 Charles H. Frazier
 Harold D. Greenwell
 Gaylord P. Harnwell
 Paul R. Haviland
 John F. Headly
 Wesley M. Heilman
 Howard J. Hogenauer
 Morris W. Mead
 Philip G. Rhoads
 John F. Rich
 En Shui Tai
 Lawrence N. Taylor
 Gordon M. Turner
 Edward P. Van Tine
 W. Wyclif Walton
 Donald E. Wilbur
 Horatio C. Wood, III

1925

56% Contributing
 Amount Given—\$1,040
 Conrad B. Acton
 Eric G. Ball

Robert C. Bates
 William L. Bayer
 Wray D. Bentley
 Geoffroy Billo
 Leigh E. Chadwick
 Thomas C. Garrett
 Edward L. Gordy
 H. Richard Heilman
 William E. Hinrichs
 Irving Hollingshead
 Henry F. House
 Alfred P. Hulme
 Ames Johnston
 Karl G. Kumm
 Hugh Montgomery
 Warren W. Newman
 Chalmers V. A. Pittman
 Owen B. Rhoads
 William D., Rogers
 Charles C. Sellers
 John A. Silver
 Francis M. Stifler
 Harold B. Taylor
 Benjamin B. Warfield
 Stanley E. Willey
 Austin Wright
 Harman A. Yerkes

1926

57% Contributing
 Amount Given — \$998

Schuyler F. Baldwin
 Robert Barry, II
 Hugh Borton
 Alfred E. Buck
 Alfred Busselle, Jr.
 John B. Calkin
 Francis F. Campbell
 Alexander R. Carman
 Franklin O. Curtis
 Henry C. Evans
 Allan Gilmour
 Robert L. Haines
 Edmund P. Hannum
 Dalzell F. Hartman
 Robert L. Hatcher

Peter Hurd
 Wayne G. Jackson
 J. Dean Joly
 Edward H. Kingsbury
 Victor A. Lamberti
 Winthrop M. Leeds
 Benjamin H. Lowry
 Howard T. MacGowan
 J. Howard Marshall
 Willard E. Mead
 Merle M. Miller
 Fred Rodell
 Paul L. Sassaman
 C. Ernest Shank
 Charles E. Sumwalt
 Joseph A. Vansant
 Edward S. Wood, Jr.

1927

43% Contributing
 Amount Given — \$545

Addison J. Allen
 Samuel A. Armstrong
 Harold E. Bates
 M. Ward Bayles
 John H. Biddle
 Samuel Cook
 Leopold S. David
 Allan B. Fay
 John E. Forsythe
 Albert V. Fowler
 William O. Grover
 William L. Lester
 Paul W. Ohl
 Allen G. Powell
 Franklin Sanders
 S. Stansfeld Sargent
 William W. Saunders
 Watson Scarborough
 Arthur W. Silver
 W. Burr Totten

1928

68% Contributing
Amount Given \$1,980.59

James W. Alcorn, Jr.
Carl F. Berlinger
William R. Brady, III
Leslie A. Cretty
Royal S. Davis
John T. Evans
E. Dean Flint
C. Keely Fox
A. Burtis Hallock, Jr.
Theodore B. Hetzel
Richard L. Hillier
Nelson J. Hogenauer
Edward D. Hollander
Allen F. Horton
J. Quincy Hunsicker, III
J. McLain King
Richard T. Lane
John S. McConaghy
Oliver W. Melchior
James E. Mitchell
S. Burkhart Morrison
Henry S. Murphey
Alexander L. Nichols
Eric H. Renwick
Jonathan E. Rhoads
Ingram H. Richardson
Louis F. Richter
Charles A. Robinson
Robert L. Shank
Franklin W. Smith
E. B. Stevens
J. Tyson Stokes
Charles M. Tatum
Allen C. Thomas, Jr.
Thomas S. Whiting
Theodore Whittelsey, Jr.
Richard Wistar
John W. Woll

1929

44% Contributing
Amount Given — \$932

Samuel T. Brinton
Roger C. Brown
John R. Cooper
Robert M. Cunningham

F. Curtis Dohan
James G. Downward
Herbert K. Ensworth
Nathan T. Folwell, Jr.
John P. Fox
George S. Garrett
Thomas C. Gawthrop
Charles M. Hamilton
John G. Hartman
Everett H. Hemphill
Kenneth E. Kingham
William S. Lane
Davis D. Lewis
Joseph E. MacNamee
James S. Maier
Alfred Mellor
J. Hamor Michener
Walter Sondheim, Jr.
Robert C. Sullivan
Daniel D. Test, Jr.
W. Everett Swift
Alexander H. Ware
Harold L. Wilt
F. Howell Wright

1930

47% Contributing
Amount Given \$1,503.34

Bradford S. Abernethy
B. Franklin Blair
W. Richardson Blair
Arthur H. Brinton
T. Ward Bruegel
Donald R. Buxton
J. Richard Durham
Theodore Evans
Willem Ezerman
J. Thorpe Feidt
William D. Frazier
Robert L. Halberstadt
W. Clark Hanna
Alfred T. Hill
Joseph W. Martin
William M. Masland
Charles W. Miller, Jr.

Joseph L. Miller
Brewster H. Morris
J. Howard Morris, Jr.
Theodore H. Morris, III
Robert M. Olton
Edward Rosewater
Newman S. Shirk
David K. Spelt
John F. Stone
Frederick W. Swan
Edward G. Taulane, Jr.
George Vaux
Thomas Wistar, Jr.
Thomas Wriggins, Jr.

1931

47% Contributing
Amount Given—\$1,433.47

Marion A. Arthur
Henry G. Barnhurst
Thomas E. Burns, Jr.
William E. Cadbury, Jr.
S. Hall Conn
Alfred R. Crawford
George B. Edgar
Robert F. Edgar
John T. Emlen, Jr.
F. W. Elliott Farr
Donald L. Gibson
John H. Gray, Jr.
John D. Gresimer
Thomas B. Harvey
James M. Houston
William M. Maier
Adrian S. Mann
Lauman Martin
Richard L. Masland
Charles S. Pennypacker
Herbert W. Reisner
Ira L. Schamberg
E. Allen Schilpp
Harris P. Shane
Phillip B. Shaw
Edwin A. Speakman
Frank N. Speller, Jr.
James E. Walmsley
T. Barnard Walter

Nathaniel Weyl
John H. Wills
Evan M. Wilson
George C. Wilt

1933

1.4% Contributing
Amount Given — \$5.00

John F. McMahon

1935

28% Contributing
Amount Given — \$835

Chapman Brown
Paul W. Brown, Jr.
John B. Christopher
Woodruff J. Emlen
William H. Harman, Jr.
Sidney Hollander, Jr.
E. Charles Kunkle
E. Wayne Marshall
Edward J. Matlack
Allen R. Memhard, Jr.
V. Putnam Morgan
John B. Rhoad
Russell W. Richie
Rowland G. Skinner
Martin P. Snyder
Philip P. Steptoe, Jr.
F. Joseph Stokes, Jr.
Richard M. Suffern
William T. Tatem
Bradley Watkins

1936

44% Contributing
Amount Given — \$619

George B. Bookman
Donald W. Brous
Jonathan A. Brown
Thomas D. Brown
William A. Crawford
Ellis I. Curley
Arthur S. Dulaney
David C. Elkinton
Francis C. Evans
Robert S. Gawthrop, Jr.
John N. Goodridge

Arthur R. Kane, Jr.
Samuel Kind
William H. Loesche, Jr.
David P. McCune, Jr.
Samuel S. McNeary
J. Don Miller, Jr.
Park H. Miller, Jr.
Ralph C. Most
John L. Parker
Henry F. Parry
Harry T. Paxton
Charles Perry
Joseph D. Purvis, Jr.
William E. Sheppard, II
Joseph H. Taylor
William F. Tiernan, Jr.
Henry L. Tomkinson
John Van Brunt, Jr.

1937

49% Contributing
Amount Given — \$900.50

William W. Allen, III
Howard A. Andrews
William H. Bond
John A. Cantrell
Stephen G. Cary
William H. Daudt
Henry S. Drinker, Jr.
Hans B. Engelmann
Bruce H. French
Henry H. Freund, III
Daniel C. Frysinger
Roger L. Greif
Henry C. Gulbrandsen
Marshall C. Guthrie, Jr.
Roy C. Haberkern, Jr.
Bernard M. Hollander
Charles E. Holzer, Jr.
Andrew D. Hunt, Jr.
Bun-ichi Kagami
W. Lawrence Kimber
Robert H. Kriebel
Paul G. Kuntz
Robert W. Leibold
John A. Lester
M. Albert Linton, Jr.
James H. Lockwood
John B. Lukens

Richard B. McLaughlin
Ralph H. McMahon
Frank E. Nulsen
Edgar M. Rector
Edward H. Rosenberry
Richard B. Shoemaker
Archibald Stark
Herbert W. Taylor, Jr.
Melvin A. Weightman
Philip M. Whitman
Stephen V. Wilking
Arthur W. Wrigley

1938

46% Contributing
Amount Given — \$1,610

Robert L. Aucott
Robert M. Bird, Jr.
Donald S. Childs, Jr.
William H. Clark, Jr.
Thomas N. Cook
H. T. Darlington, Jr.
Valery S. de Beausset
Aubrey C. Dickson, Jr.
Charles R. Ebersol
John A. Evert
William N. Fraleigh
James M. George
Robert P. Gilbert
S. Knox Harper
William S. Kinney, Jr.
William B. Kriebel
Charles H. Ligon
George B. Mathues
F. Huston McIlvain
Elliott H. Morse
Leonard F. Norsworthy
Dikran S. Pakradooni
Frank M. Ramsey, Jr.
Clayton E. Ranck
Lindley B. Reagan
James L. Rich
Tillman K. Saylor
Leslie B. Schramm
Philip R. Shank
Charles F. Sponsler, Jr.
Jonathan M. Steere, Jr.
Hubert R. Taylor

Irving Telling
Robert J. Thompson, Jr.
L. James Velte, Jr.
William M. Webb
E. Hambleton
Welbourn, Jr.
Edmund C. Wingerd

1939

45% Contributing
Amount Given — \$854

Robert B. Ackerman
Jerome I. Aron
Robert L. Balderston
William S. Bonham
George D. Bown
James H. Bready
David B. Chapin
Jonathan Evans
J. Pierce Fenhagen
John M. Finley
John A. Flick
Harry A. Heilman, Jr.
John A. Hoyer
John J. Jaquette
Henry H. Jones
John E. Lewis
Richard H. Lillie
Harold H. Morris, Jr.
Louis H. Palmer
Robert E. Peifer, Jr.
Charles E. Rankin
Seymour S. Rice
Daniel G. Santer
Craig M. Sharpe
Winslow D. Shaw
T. David Shihadeh
Laird H. Simons, Jr.
Gilbert P. Talbot
William H. Warner
Thomas A. Watkins
Maurice A. Webster, Jr.
John F. Wilson
Samuel Withers, Jr.

1940

29% Contributing
Amount Given — \$358

Ernest G. Allen
Arthur E. Brown
William H. Colbert
D. Baird Coursin
Emerson L. Darnehl
Robert L. Dewees
John A. Duncan
John E. Gross
Hanford M. Henderson
Robert J. Hunn
John M. Lindley, Jr.
Robert W. McConnell, Jr.
William F. McDevitt
Charles K. Peters
Richard A. Poole
Charles J. Swift
John W. Wieder, Jr.
Charles H. Wolfinger
J. William Wood, Jr.

1941

54% Contributing
Amount Given — \$940

Edward P. Allinson, Jr.
Stephen B. Andrus
David B. Arnold
Arthur G. Ashbrook, Jr.
Howard L. Blum
Richard H. Bolster
Albert D. Branson
Henry D. Cornman
Hunt Davis
John W. Dorsey
Christopher Evans
Robert W. Evans, Jr.
Robert N. Evert
Louis J. Finger
Geoffrey Hemphill
John B. Hibbard
Benton D. King
Thomas Little
Jan W. Long
John R. McNeill
William K. Miller
M. Wayne Moseley
Samuel M. Murphy, Jr.

Arthur H. Napier, Jr.
Wilson H. Pile
Malcolm K. Smith, Jr.
Robert H. Smith
Samuel M. Snipes
Leon Solis-Cohen, Jr.
William W. Stainton
G. Ralph Strohl, Jr.
Harry H. Stuart
George C. Sutton
J. Bruce Swigert
Roy S. Vogt
Wm. R. Watson, Jr.
Kenneth A. Wright
Howard E. Ziegler, Jr.

1942

43% Contributing
Amount Given — \$818

George L. Aldridge
E. Howard Bedrossian
Edgar D. Bell, Jr.
Burns Brodhead
Norman S. Brous
Knox Brown
Richard W. Brown
Robert W. Dunham
Roy A. Dye, Jr.
Arthur Evans
Walter C. Falconer
John D. Farquhar
John B. Flick, Jr.
John A. Fust
James F. Gary
C. Kirk Greer
Gove Hambidge, Jr.
Heber R. Harper
Timothy P. Haworth
Gordon W. Howe
Henry W. Johnstone, Jr.
Richard Kay
Malcolm S. Kirkpatrick
L. Theodore Lawrence
George C. Lewis, Jr.
Philip F. McLellan
Robert E. Miller, Jr.
Clyde K. Nichols, Jr.
Charles A. Olson, Jr.

David M. Poole
 Thor N. Rhodin, Jr.
 Kenneth S. Roberts
 Robert N. Strausbaugh
 David C. Thompson

1943

38% Contributing
 Amount Given - \$809.85

Eugene E. Anderson, Jr.
 Arthur H. Bell
 Paul M. Cope, Jr.
 J. Morris Evans
 Sumner W. Ferris
 James B. Gilbert
 Douglas R. Hallett
 Byron E. Howe
 Holland Hunter
 Lewis C. Kibbee
 David B. Kirk
 Howard B. Kriebel
 H. Mather Lippincott, Jr.
 Howard T. Lutz
 Russell M. Lyman
 Robert MacCrate
 John M. Moon
 Sterling Newell, Jr.
 Norman Peterkin
 George M. Ryrie
 John W. Severinghaus
 William Shihadeh
 David D. Somers
 Alexander C. Tomlinson
 Haskell Torrence
 William T. Warren
 John C. Whitehead
 Carl E. Widney, Jr.
 John B. Wilkie
 R. Bayly Winder

1944

39% Contributing
 Amount Given — \$958

Charles S. Alden
 Ellsworth C. Alvord, Jr.
 Louis P. Bolgiano
 William K. Conn

J. Dee Crabtree
 Cassin W. Craig
 Frederick A. Curtis, Jr.
 Robert B. Day
 George V. Downing, Jr.
 Charles E. Fox, Jr.
 Allan C. Hamilton
 E. E. Hammond, Jr.
 Walter Hollander, Jr.
 William M. Houston
 George W. Hubler
 Edward B. Irving, Jr.
 John S. Klein
 John M. Krom
 Daniel K. Miller
 Warren Moore, Jr.
 Alfred M. Pease, Jr.
 Arnold R. Post
 H. Royer Smith, Jr.
 David E. Stokes
 Samuel E. Stokes, Jr.
 Spencer R. Stuart
 Richard H. Warren
 Richard W. Watkins
 Douglas C. Wendell, Jr.
 James H. Worl

1945

44% Contributing
 Amount Given — \$545

William W. Ambler
 Kenneth Bache
 Warren C. Baldwin
 David E. Bassert
 John H. Benge
 Charles M. Boteler, Jr.
 John H. Bush
 John R. Cary
 Frederick T. J. Clement
 Dorland L. Crosman
 Robert P. DeLong
 Geo. De Schweinitz, Jr.
 Henry H. Fetterman
 Forrest L. Gager, Jr.
 James L. Gilmore
 Richard T. Hamilton

Arthur R. Harned
 David Yi Yung Hsia
 Clark Hulings
 Lewis M. Johnson
 James R. Johnston, III
 Arthur E. Jones
 William L. Lehmann
 Philip C. Mann
 Charles E. Pancoast, III
 John W. Pierson, Jr.
 William Pinch, Jr.
 Edmond Preston, III
 Geert C. E. Prins
 R. Arnold Ricks, III
 Dale B. Ride
 James A. Schnaars
 Drayton M. Smith
 J. Walker Stuart
 Robert B. White
 Robert P. White
 S. H. Widdicombe, Jr.
 James B. Wright
 Llewellyn P. Young

1946

47% Contributing
 Amount Given - \$751.91

Frederick H. Bartlett
 Robert H. Bedrossian
 Jonathan F. Bushnell
 Ward C. Case
 William D. Chapman
 William H. Chartener
 Robert F. Clayton
 Edgar B. Coale
 Lewis E. Coffin
 Edward M. Cook, Jr.
 William T. Delp
 John P. Feil
 Merrill Goodman
 Thomas P. Goodman
 Paul M. Henkels, II
 Theophilus J. Herter
 Walter Y. Kato
 Bertram M. Kummel
 Ben Z. Leuchter

Harold V. Lynch, Jr.
 Donald B. McNeill
 George Montgomery, Jr.
 James F. Mumma
 Peter S. Olmsted
 Roberto P. Payro
 Robert N. Price
 Richard C. Rogoff
 Charles O. Rose
 Thomas J. Ryan
 Charles S. Sangree
 Richard E. Spatz
 David S. Stewart
 James F. Sutor
 Donald F. Treat
 George M. Yamane

1947

30% Contributing
 Amount Given — \$260
 William H. Annesley, Jr.
 Jules Bingham
 Alan M. Davis
 Charles A. Doehlert
 John S. Estey
 Charles T. Lenton, Jr.
 William J. McIlhenny
 Richard D. Rivers
 Robert P. Roche
 Martin Sanders
 H. W. Starkweather, Jr.
 Daniel H. Wagner
 H. Macy Whitehead

1948

31% Contributing
 Amount Given — \$315
 Monroe E. Alenick
 Timothy B. Atkeson
 William P. Barker
 William W. Bell
 Byron E. Besse, Jr.
 Joseph C. Birdsall, Jr.
 C. Daniel Drake
 Gunther Frankl
 Murray F. Freeman
 John N. Hauser
 John K. Henne

John R. Hoopes, Jr.
 J. Archibald Jacob, Jr.
 James F. Muench
 Martin Oppenheimer
 David A. Peters
 Richard W. Power
 Richard A. Schlegel
 George W. Taggart
 Nathan J. Zweifler

1949

41% Contributing
 Amount Given — \$711.33
 John D. Anderson
 M. Omar Bailey
 Stuart M. Beck
 Carlos Barraza
 Addison S. Beckley
 Sol Blecker
 Kenneth R. Blum
 J. Neil Boger
 Paul C. Brewer, Jr.
 Daniel Brodhead
 Harold J. Brownlee
 James C. Buckley
 G. Thomas Cartier
 Richard A. Couch
 F. James Dallett, Jr.
 Carmen Di Giovanni
 Edward Echikson
 C. Willis Edgerton, Jr.
 Robert Edgerton
 Edmund K. Faltermayer
 Charles H. Geoffrey
 Thomas D. Graff
 G. Stanley Hammond
 Robert Harper
 David S. Hastings
 Donald Hayes
 R. Nichols Hazelwood
 John B. Henkels, III
 William L. Hires
 George L. Hoffman
 Irving Hollingshead, Jr.
 F. Thomas Hopkins
 Robert G. Hoskins

Harry A. Hume
 Robert J. Johnston, Jr.
 David S. Laity
 Thomas D. Langston
 Sperry Lea
 James Miller
 Stephen R. Miller
 William H. Miller
 Robert L. Morris
 George H. Nofer, II
 Robert I. Parkes
 Robert A. Prosser
 E. Allan Reynolds
 Douglas H. Richie
 George E. Ruff, Jr.
 Edward O. Shakespeare
 Ellis P. Singer
 H. Clement Smith, II
 Donald I. Sparks
 Joseph Sproule
 Stanley R. Tarr
 David E. Thomas
 James H. Thorpe
 Conrad W. Turner
 Edwin E. Tuttle
 Clark A. Vaughan
 Robert Velte
 Robert D. Williams
 Robert A. Wingerd
 Theodore C. Wright

1950

43% Contributing
 Amount Given — \$714
 John T. Acton
 Gordon B. Baldwin
 Joseph A. Barnes, Jr.
 William M. Barrows
 L. Gordon Blasius
 David M. Blum
 Edwin L. Brown
 Nicholas Chantiles
 George D. Colman
 Brooks B. Cooper
 James G. Deitz
 John W. Doane
 Lester H. Dragstedt
 John C. Dyson
 A. Theodore Eastman

Winter G. Ensign
 Thomas B. Gerlach
 Charles E. Gilbert
 James B. Hastings
 Robert J. Healey
 Hoyt L. Hickman
 Lawrence G. Imhof
 Edgar M. Jamison, Jr.
 A. Wilson Jones
 John Z. Katz
 Robert L. Kirk
 Andrew M. Knowlton
 Fred J. Lind, Jr.
 Frederick S. Miller, Jr.
 Kenneth M. Moser
 Roger M. Morrell
 Richard N. Myers
 Harry B. Nason
 Merlin W. Packard
 Robert Parke, Jr.
 Richard B. Parran
 William S. Peifer
 Edward L. Pennypacker
 Richard E. Rankin
 William L. Rhoads, III
 Thomas M. Ridington
 William V. Rodewald
 Rufus C. Rudisill, Jr.
 William Schwartz
 Eugene Seder
 Joseph W. Sener, Jr.
 Paul R. Smith
 Edward R. Snader, III
 Harris Stern
 Thomas Stern
 Peter Stettenheim
 H. Frederick Strohl
 Thomas P. Thornton
 Keith H. Turley
 John A. Vitello
 William W. Vogel
 Ian G. Walker
 Robert S. Wickham
 Horatio C. Wood, IV
 James Wood, III

1951

36% Contributing
 Amount Given — \$657.40

H. David Abbott
 Donald S. Amussen
 Laurence H. Autenreith
 James C. Boyd
 Robert deP. Brown
 Gouverneur Cadwallader
 Richard M. Cameron, Jr.
 Allen B. Clayton
 Samuel Colman, Jr.
 John J. Cooney
 Nevius M. Curtis
 John H. Davison
 Allen H. Dewees
 Kenneth M. Dolbeare
 Philip Edgerton
 Robert B. Edmiston
 Floyd F. Ford, Jr.
 Robert W. Freeman
 Charles D. Griffith
 Harry H. Hoehler
 Arkady Kalishevsky
 Wayne T. Kratz
 Gilbert M. P. Leib
 William F. Matlack
 Thomas R. McNutt
 William P. Melcher
 Alexander B. Milyko
 Anthony J. Morley
 Edward B. Patterson, Jr.
 Darwin J. Prockop
 Andrew J. Scheffey
 C. Stanley Searle
 Paul E. Shipley
 Karl H. Spaeth
 Robert L. Sutton
 William S. Tassman
 Peter K. Thoran
 David K. Trumper
 Harold F. Vedova
 Charles N. Welsh
 D. Elliott Wilbur, Jr.
 Alan T. Willoughby
 William D. Wixom
 John C. Zerrer

1952

54% Contributing
 Amount Given — \$629

Robert W. Atkinson
 Peter O. C. Austin-Small
 William L. Bair
 Richard K. Barnes
 Victor Basiuk
 Philip J. Baur
 Howard Bliss
 William M. Boger
 B. Donald Broadbelt
 Robert S. Chase
 Robert McV. Collins
 Sydney M. Cone, 3rd
 Allen P. Crolius
 Peter W. Cummins
 Richard W. Eller
 Henry P. Ewald, Jr.
 Curt F. Fey
 Marshall J. Foster
 Robert J. Franke
 Gerald Freund
 Burrill M. Getman, Jr.
 Edgerton Grant
 Eli B. Halpern
 Daniel W. Hardy
 Peter R. Haviland
 Frederic V. Hetzel
 Edward N. Hibberd, Jr.
 Robert T. Ives
 A. Clark Johnson, Jr.
 Roger F. Jones
 Frank Keetz
 John R. Killian
 George E. Lamphere
 Peter W. Lande
 Lawrence M. Leonard
 Eric Loeb
 Lloyd O. Loechel, Jr.
 David C. Mactye
 Alfred B. McKenzie

Richard K. Mead
 R. Richard Messick
 Frank V. Miles
 Paul C. Milner, II
 Guy C. Murdoch
 Peter Oliver
 George P. Perham
 Burton E. Pike
 C. Peter Rosenbaum
 Thomas N. Ruth
 Hershel Shanks
 W. Roger Sorg
 F. C. Greeley Stahl
 Paul L. Sterner, Jr.
 David S. Western
 David P. Willis
 F. Thomas Wilson
 Richard E. Wilson
 John W. Woll, Jr.
 Thos. M. Woodward, Jr.
 Charles F. Wurster, Jr.

1953

70% Contributing
 Amount Given — \$692

R. Scott Anderson
 Harry H. Bair
 John F. Benton
 Thomas N. Bisson
 Richard D. Brobyn
 John H. Burge, Jr.
 David H. Caskey
 David V. Clark
 Robert W. Crichlow, III
 Jerome F. Crowley, Jr.
 Robert T. Curran
 William B. Davis, Jr.
 Hugo L. Deaton
 David N. Denman
 Joseph S. Dibble
 John Dixon
 James W. Ericson

Raymond L. Falge, Jr.
 Daniel R. Fascione
 Kenneth L. Fernandez
 E. Lee Forker
 George C. Fuller
 Milton M. Gatch, Jr.
 Roger C. Good
 Homer R. Goodall
 Richard K. Gundry
 William F. Haines
 Norris Hansell, IV
 Joseph E. Helweg, Jr.
 Herbert W. Hickman
 John R. Hitchcock
 Bruce Z. Hollman
 Hubert F. Howson
 Herbert A. Huene
 C. A. W. Hurtubise, Jr.
 Mitsuo Ikeda
 Milton H. Isay
 John W. King
 Dennis J. Lafer
 Richard T. Lane, Jr.
 John W. Ledeboer, Jr.
 John M. Leggett
 F. Treville Leger
 Arthur W. Leibold
 Andrew L. Lewis, Jr.
 Robert G. Logan
 Robert S. Matteson
 Norman D. Mattson
 David P. Mayer
 Lawrence C. Morris, Jr.
 H. William Morrison
 George Nash
 Robert L. M. Nevitt
 Peter Parkhurst
 F. Jackson Piotrow
 H. Edward Reed
 Robert R. Reynolds
 Edward P. Rich
 Charles N. Robinson
 Burton R. Saidel
 Robert C. Scherer
 G. David Schlegel
 J. Peter Schmitz
 Robert T. Seeley
 Mark Sexton

Labron K. Shuman
 John M. Somerndike
 Joseph H. Stein, Jr.
 Frederick D. Tabbutt
 Howard G. Taylor, III
 Lewis J. Thomas, Jr.
 William A. Wightman
 David C. Wilson
 Mitchell Winn
 Thomas A. Wood
 Robert K. Young

1954

33% Contributing
 Amount Given — \$497

Philip S. Benjamin
 M. Wyllis Bibbins
 Paul P. Craig
 James D. Crawford
 Joseph G. T. deBerry
 S. John Eagleton
 Robert P. Feeser
 James P. Felstiner
 Stanley A. Forster
 Charles L. Fry
 Robert A. Glatzer
 Earl G. Harrison, Jr.
 John S. C. Harvey, III
 Edward P.
 Hollingsworth, Jr.
 L. Morris Johnson
 William G. Kaye
 Mark C. Lissfelt
 Robert M. March
 William C. Meads
 Michael Moore
 David R. Perry
 Richard M. Polsky
 R. Ronald Reno, Jr.
 Rodman S. Rothermel
 C. Edward Schofer
 Paul S. Seaver
 Richard W. Silver
 Edward M. Steele
 Richard K. Taylor
 T. Darrah Thomas
 William B. Watson
 William C. Wilson
 Peter Woll
 John C. Wren

1955

44% Contributing
Amount Given — \$292

Gerald S. Albright
Alexander C. Allen
John J. Allen
Robert P. Apmann
Koya Azumi
Lee C. Bennett, Jr.
Eric D. Blanchard
Theodore R. Bledsoe
James B. Bradbeer
James A. Braker
Donald F. Cone
R. E. Croasdaile, Jr.
Roswell Eldridge
John B. Flint
Marc A. Forman
Otto L. Franké
Thomas B. Goodkind
George W. Gray
David E. Hogenauer
Johns W. Hopkins
Ira E. Kanter
Charles D. Kepner
John R. MacKenzie
Morton S. Mandell
Richard W. Marek
William S. Masland
Robert D. Masterson
William D. L. Melcher
Grant Morrow, III
Urban H. Moss, Jr.
Jay A. Noble
John H. Osler, III
Garth R. Parker
Paulding Phelps

Harrison C. Raper
Robert E. Read
F. Bruce Reeves
M. Huyett Sangree, Jr.
Robert G. Schwartz
Robert G. Wilson

John L. Kemmerer
Jerome J. Klinman
Stephen B. Knowlton, Jr.
David A. Kushner
Thomas J. Ladenburg
Charles B. Lane
Walter E. Langsam
Newell E. Mack
H. Michael Mann
John F. Marquardt
Thomas M. Martenis
Robin S. McDowell
Arthur M. McLean
Louis H. Miller
William M. Packard
Theodore M. Regan, Jr.
Fritz G. Renken
John B. Rhoads
H. Burt Richardson, Jr.
Carl R. Ruppenthal, Jr.
David B. Seaver
H. Stark Semans
Geoffrey H. Steere
Neil W. Swinton, Jr.
John W. Thomas
Robert K. Togasaki
Robert R. Traut
Robert P. Wallace
D. Sellers Walton
D. Alexander Wieland, Jr.
Thayer Willis, Jr.
Lewis R. Woodham
Lamar deB. Woznicki

1956

45% Contributing
Amount Given — \$447.75

George M. Anderson
Vincent S. Aversa
A. Ralph Barlow, Jr.
John S. Barrett
Samuel A. McK. Bishop
Stephan Chodorov
Donald F. Cohill
Philip D'Arrigo
John H. Dick
Franklin H. Duttonhofer
Mark B. Freedman
Harold M. Freidman
Robert J. Gage
Thomas H. Garver
John H. Gould
David G. S. Greene
Winfield S. Hall
Daniel E. Harris
John R. Hawkins
Joseph L. Horner
R. Allen Irvine
Richard A. Isay
Otis S. Johnson
Joel I. Judovich
George P. Keeley

MASTER OF ARTS CONTRIBUTORS

Amount Given — \$781

Deborah Douglas Adams	James S. Holmes	Charlotte B. Read
John N. Bottjer	James D. Hoover	Annette J. Reynolds
William L. Conlon	Betty Freyhof Johnson	Bradshaw Snipes
Mary Esther Dasenbrock	Ira O. Kemble	Polly I. Taylor
William B. Edgerton	Samuel D. Kron	Clarence E. Tobias, Jr.
Richard Gummere, Jr.	Gerald D. McDonald	Mr. and Mrs. W.
Michael Gunther	Robert and Ann O'Brien	Howard Wriggins

NON-ALUMNI CONTRIBUTORS

Amount Given — \$20,222.48

Ann M. Abramson	Mr. and Mrs.	Louis L. Lauve, Jr.
C. Vernon Albright	James B. Francis	Robert B. Lea
Elmer Andrews	Celia Friedman	Robert E. Lewis
L. Earle Arnow	Mrs. Frances B. Friedman	Christian R. and Mary
The Bank of New York	W. Fullard	F. Lindback Found.
Burton N. Behling	John Gardiner, Jr.	Paul S. Lippincott, Jr.
Janet Belash	Bruce H. Gelser	J. C. LoCicero
John H. Bertolet	General Electric Educ.	W. Herbert Long, Jr.
William R. Bingham	and Charitable Fund	Otto Lutherer
Mrs. Robert C. Blake	Ellis R. Gold	J. Gilbert Macort
Dr. and Mrs.	Henry F. Goldsmith	Karl S. Manwiller
Morton E. Block	Gladys E. Grant	Walter E. Margie
Jack L. Bockol	Joseph E. Green, II	Gilbert H. Marquardt
Mr. and Mrs.	Dr. and Mrs. W. W. Green	Chas. H. and Annetta R.
Vernon Bradley	Diller B. Groff	Masland Foundation
Paul C. Bucy	Richard Grosholz	Louis J. McCloskey
The Budd Co.	Irvin J. Gruber	Cushman McGee
J. Campbell Burton	Eric Harrison	Myer D. Mermin
Cabot Foundation	Haverford Students Assn.	Mr. and Mrs.
Mr. and Mrs.	Mrs. Hubert M. Hayter	C. H. S. Merrill
Richard Cameron	Mr. and Mrs.	Charles W. Miller
Otto William Carpenter	Walter T. Henderson	Cloy M. Miller
W. E. Chace	Mrs. Horatio S. Hill	Henry S. Miller
Tin-Yuke Char	C. L. Hobaugh	Reid T. Milner
Mrs. Carl T. Clarke	Walter Hollander, Sr.	Mr. and Mrs.
Frances M. Clarke	John H. Hornbaker	Herbert Monkemeyer
Grace G. Clayton	Maurice Horwitz	Mr. and Mrs.
Richard E. Clemson	Mrs. D. K. Howard	Kenneth Morgan
Morris U. Cohen	Mrs. Milton Isay	George L. Morris
Robert T. Colburn	Maurice Iserman	Mrs. J. Howard Morris
Raymond Curtis	Donald T. Jackson	Victor J. Moyes
Maxwell Dane	Mr. and Mrs.	Mrs. Isaac Myers
Walter S. Davison	L. B. Johnson	Mr. Franklin S. Nauman
Elchanan Echikson	Jones and Laughlin	Phillip P. Nolte
Mr. and Mrs.	Steel Corp.	Mr. and Mrs.
Henry Ecroyd	Mr. and Mrs.	Harold S. Ogden
Mr. and Mrs.	Arthur Jones	Franklin H. Pennell
John T. Edsall	Walter E. Kaegi	Harvey C. Perry
P. J. Eidenberg	Mrs. Richard M. Kain	Hugo M. Pfaltz
Mr. and Mrs. A. Ellison	Mr. and Mrs.	Philadelphia Quartz Co.
Anna Cope Evans	Jos. Katowitz	Henry Phillips, Jr.
Anna R. Evans	Joe Kindig, Jr.	Mr. and Mrs.
Frederick Exton	Wylie Kilpatrick	Jackson Phillips
William F. Fischer	Y. D. Koskoff	Maurice Pine
John W. Forbes	Michael E. Kratz	Charles Platt, Jr.
Lee Foshay	Frank E. Lamphere	Arthur G. Pratt
Roger S. Foster	Hal B. Lary	G. Keller Pursel

NON-ALUMNI CONTRIBUTORS

William F. Putnam	Mr. and Mrs.	J. R. Vastine
John S. Pyke	Samuel Segal	Henry Vogt
Henry A. Ramey	Jay R. Sheesley	Mrs. Robert B. Wagner
William B. Ray	John E. Shepherd	George V. Wallace, Jr.
Paul C. Raymond	A. B. Schwartz	Mrs. Harold D. Weaver
C. W. Reninger	Samuel Shuman	M. D. Wedner
David G. Rhoads and	Smith, Kline and French	Gilbert F. White
Fred'k Shaw	Foundation	Miles White
Richard H. Rhoads	Maurice Smith	Beneficial Society
Drs. George and	Mrs. James R. Speer	William C. Wilentz
Marie Riegl	Mrs. Howard W.	Bertram F. Willcox
William T. Robinson, Jr.	Starkweather	H. Justice Williams
Norman Rockwell	Leland E. Stevenson	Laurence A. Wills
Paul G. Rodewald	Willard P. Steward	Mary M. Wilson
M. Sarnoff	Russell W. Stine	Mrs. F. Woldorf
John Schott	Arthur G. Stone	Mrs. Paul Wollstadt
Scott Paper Co.	David Teitelbaum	Alfred Yood
Foundation	C. Howard Thomas	

WILLIAM MAUL MEASEY TRUST

This Trust was established by William Maul Measey by Agreement dated June 27th, 1952 and supplementary Agreement dated April 26th, 1956.

The Trust Agreements provide that the income shall be granted as aid to students without restriction as to sex, race or religious affiliation, in selected secondary schools or colleges, who on the basis of character, scholarship and financial situation, merit assistance in continuing their education.

In secondary schools aid is to be given to students who live in the institutions during school terms, and not to day students.

The Capital of the Trust is to be invested solely in common or ordinary corporate shares.

FINANCIAL STATEMENT

September 1, 1956 - August 31, 1957

Book value of Trust—September 1, 1956.....	\$1,078,285.93
Increases in book value of Trust by realized gains.....	7,875.70
Book value of Trust—August 31, 1957 (less than market value)	<u>\$1,086,161.63</u>

CASH STATEMENT OF RECEIPTS AND EXPENDITURES

Principal

Cash balance—September 1, 1956.....	\$ 4,387.90
Investments realized	86,087.77
	<u>90,475.67</u>
Investments made	86,483.68
Cash balance—August 31, 1957.....	3,991.99
	<u>\$90,475.67</u>

Income

Receipts, Disbursements and Reserves

Income from investments—September 1, 1955 to August 31, 1956.	<u>\$57,838.66</u>
---	--------------------

Disbursements—September 1, 1955 to August 31, 1956

To Haverford College for administration of Trust.....	5,090.08
To Haverford College for aid to 54 students.....	27,100.00
To other Colleges for aid to 3 students.....	2,000.00
To secondary schools for aid to 49 students.....	17,000.00
Reserve—August 31, 1956 available to Haverford College for student aid	1,850.44
Reserve—August 31, 1956 available to other Colleges and secondary schools	4,798.14
	<u>\$57,838.66</u>

In order that the income available from the Trust for aid to students may be known at the beginning of each fiscal year, such income is accumulated and not awarded nor disbursed until the following year.

The income during fiscal year from September 1, 1956 to August 31, 1957 amounted to \$63,960.36, of which under the terms of the Trust, The Corporation of Haverford College was entitled to 10% expense of administration.

TRUST FUNDS

W. PERCY SIMPSON TRUST

Provident Trust Co. and William J. Clark Trustees

This perpetual Trust was established under the will of W. Percy Simpson, Class of 1890, who died Second Month 19, 1938. The will provides that one fourth of the net income from the residuary estate, after the death of his widow (who died in 1940) and of his son (who died in 1946), shall go to two grandchildren, and of the remaining three quarters one tenth shall go to Haverford College. Thus Haverford's share of the income now is 3/40th. The income comes partly from securities but largely from Texas Oil Royalties and rentals. Of the present income as estimated by the Trustees, Haverford's share is about \$1,875 per annum.

The will further provides "without imposing any obligation upon Haverford College, I recommend to it the advisability of expending the moneys which shall from time to time come to it under this will or so much thereof as may be required, for the examination and analysis of applicants for admission to the College with respect to their mental, physical and general qualifications, and of students therein for the purpose of determining the field of activity best suited to the individual."

The will further provides that whenever a vacancy shall occur by the death or resignation or otherwise of the individual Trustee, the selecting of a new Trustee shall be done by the governing body of Haverford College, and that if the College fails to perform this duty, the payment of further income to it shall terminate.

HENRY C. BROWN TRUST

Pennsylvania Co. for Banking and Trusts, Trustee

Founded Eighth Month 18, 1948, by bequest of estimated value of \$183,000 from Henry C. Brown, of Philadelphia, ex Class of 1866, to the Pennsylvania Co., in trust for benefit of Haverford College. The will provides that the income is to be used for current expenses. The will further provides that "the said College shall have power in its discretion to use a portion of the principal of the said trust estate not exceeding in any one year twenty per cent of the original fund for permanent purposes such as buildings, books and equipment proper for conducting the work of instruction and education."

NATHAN BRANSON HILL TRUST

Founded in 1904 by deposit with First National Bank and Trust Company of Minneapolis, Minn., Trust, of a paid up life insurance policy for \$5,000 by Samuel Hill, '78, being in memory of his father, Nathan Branson Hill. The income is to be used to aid in the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. In 1931 Samuel Hill died and the policy realized \$5,039. The Trust is to remain in the care of the above named bank, now known as First National Bank of Minneapolis, until twenty-one years after the death of Samuel Hill's son, James N. Hill, who is still alive. At that time, the Trust is to terminate and the principal is to be vested in Haverford College absolutely.

ENDOWMENT FUNDS

FUNDS FOR GENERAL PURPOSES

GENERAL ENDOWMENT FUND

Founded in 1847 with subscriptions of \$50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, \$5,000; 1869, bequest of Ann Haines to increase the compensation of professors, \$2,670; 1870, bequest of Richard D. Wood, \$18,682.96; 1872, from William Evans, \$1,000; 1874, from executors of Jesse George, deceased, \$5,000; 1880, bequest of Dr. Joseph W. Taylor, \$5,000; 1901, legacy of Ann Williams, \$2,425.50; 1941, from children of Aubrey C. Dickson in his memory, \$300; 1954, Maria Luisa Gildemeister, \$500; 1955, Estate of Elizabeth S. Dillinger, through Bessie Kohne Schenck, \$3,000. Present book value, \$100,795.14. The income is used for salaries and scholarships.

JOHN FARNUM MEMORIAL FUND

Founded in 1878 by the heirs of John Farnum by gift of \$25,000 as a memorial to him. Added to in 1899 by legacy of \$10,000 from Elizabeth H. Farnum, widow of John Farnum. The income only is to be used to endow a "professorship of some practical science or literature." The chair of chemistry was designated as the "John Farnum Professor of Chemistry." The principal is held in the name of three Trustees for the benefit of The Corporation of Haverford College. Present book value, \$33,226.06.

JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whittall, Sr. Present book value, \$10,640.09. The bequest is upon the condition that the art of drawing, especially mechanical drawing, shall be taught, and the income only is to be used, and for this purpose.

DAVID SCULL FUND

Founded in 1885 by bequest of \$40,000 from David Scull, Sr. Present book value, \$44,806.59. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

EDWARD L. SCULL FUND

Founded in 1865 by net bequest of \$9,500 from Edward L. Scull, '64. The legacy was added to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present book value, \$11,364.35. The income only is to be used. The bequest is free from any legally binding conditions, but it was the testator's desire "that some judicious means shall be employed by the Managers to further advise students on the subjects of diet and reading."

WISTAR MORRIS MEMORIAL FUND

Founded in 1892 by gift of \$5,000 in bonds by Mary Morris, widow of Wistar Morris, as a memorial to him. There are no restrictions. The income is used for general college purposes. Present book value, \$5,144.24.

ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of \$9,667.83 from Israel Franklin Whittall. Present book value, \$10,781.94. The income only is used for the payment of professors or teachers.

JACOB P. JONES ENDOWMENT FUND

Founded in 1897 by residuary legacy of Jacob P. Jones. This amounted when received to par value of \$279,021.60; book value, \$332,301.60, and sundry real estate. The real estate has all been sold, netting \$847,709.92. Present book value, \$1,301,375.34. The income only is to be used for general college purposes, and out of said income there shall be admitted a portion at least of the students either free of charge or at reduced rates. In accordance with this provision, about \$7,500 per annum is used for scholarships, and the balance of income for general college purposes. Jacob P. Jones' will contains the following: "My hope is that under the blessing and favor of God there will come from this source a revenue which shall be productive of growth and vigor in the institution as well as help at this critical period of their lives to many deserving young men of slender patrimony."

JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY, AND KINDRED SUBJECTS

Founded in 1900 by the late T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in cash and securities of a par value of \$43,000, shortly afterwards increased by further gifts of \$15,000. The founder made further gifts of cash and securities until 1915, the total being \$19,381 cash and \$48,500 par of securities with book value of \$41,490. His total gifts therefore had a book value of \$234,970.81. Of this, \$5,000 donated in 1910 is for endowment of prizes in Biblical History and in Philosophy. A portion of the income was capitalized each year to keep intact the full value of the fund until 1940 when this fund was included in the Consolidation of funds. Present book value, \$275,899.76. The income only is to be used for the purpose of making provision for the regular study of the Bible and Biblical History and Literature, and as way opens for religious teaching. In 1910, the scope and title of the Fund were enlarged to include "and Philosophy and Kindred Subjects." Income up to \$200 may be used for prizes in Biblical Literature and Philosophy.

CLEMENTINE COPE ENDOWMENT FUND

Founded in 1904 by bequest of \$25,000 from Clementine Cope. There are no restrictions. The income is used for general college purposes. Present book value, \$21,493.67.

JOSEPH E. GILLINGHAM FUND

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. The testator said, "I request, but I do not direct, that part of the income of this legacy may be used for free scholarships for meritorious students." In accordance with this request, \$800 was until recently appropriated annually from the income for scholarships, the balance being used for general college purposes. Present book value, \$42,394.72.

ELIZABETH H. FARNUM FUND

Founded in 1891. The original principal of this fund, amounting to \$10,000, was held by the Provident Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum of Philadelphia. The income was first paid to a life tenant until 1914, when income first accrued to the College "for the payment of the salaries of teachers and professors by the said College employed." Under date of Ninth Month 18, 1944, upon petition of the Trustee, concurred in by the College, the Court of Common Pleas awarded the principal to the Corporation of Haverford College "to be administered by it for the purposes set forth in the deed of trust in accordance with the non-profit corporation law."

JAMES R. MAGEE FUND

Founded in 1915 by bequest of \$10,000 from James R. Magee, '59, and added to in 1925, 1926, 1928, 1929, 1930, 1931, 1932, 1936, 1937, 1940, and 1944 by additional payments of \$29,182.84, \$1,694.84, \$499.31, \$499.68, \$488.85, \$207.33, \$400, \$250, \$100, \$449.89, \$175.00, 197.99 (1947-48) and \$7.40 (1948-49), under his legacy. Present book value, \$45,035.96. There are no restrictions except that the income only is to be used. This is applied to general college purposes.

ALBERT K. SMILEY FUND

Founded in 1915 by gift of \$1,000 from Daniel Smiley, '78, as a memorial to his brother, Albert K. Smiley, '49, and added to in 1924 and 1926. Present book value, \$1,500.00. There are no restrictions except that preference was expressed that the income only should be used. This is applied to general college purposes.

THE HINCHMAN ASTRONOMICAL FUND

Founded in 1917 by bequest of \$10,000 par value securities from Charles S. Hinchman. Increased in 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, and 1936 by donations of \$28,926.95 from a friend of the College. Present book value, \$39,515.48. The income only to be used "to increase the salary of the astronomical professorship so as to provide a suitable instructor in the ennobling study of the heavens."

WALTER D. AND EDITH M. L. SCULL FUND

Founded in 1918 by bequest of Walter D. Scull, whose death followed shortly after the death of his sister, Edith M. L. Scull. Each left his or her estate to the other, unless predeceased; in this latter case both American estates were left to Haverford College. Both were children of Gideon D. Scull, '43, and resided in England. Income accumulated before the receipt of the fund by the College amounted to \$16,887.66, of which \$15,078.51 was added to the

principal of the fund. Present book value, \$174,560.31. The fund was created to establish a professorship of modern English constitutional history, and the chair has been designated as the Walter D. and Edith M. L. Scull Professorship of History.

ALBIN GARRETT MEMORIAL FUND

Founded in 1919 by legacy of \$25,000 from Mary Hickman Garrett, in memory of her late husband, Albin Garret, '64. Present book value, \$26,771.00. There are no restrictions. The income is used for general college purposes.

ARNOLD CHASE SCATTERGOOD MEMORIAL FUND

Founded in 1919 by gift of \$30,000 in securities from Maria Chase Scattergood in memory of her son, Arnold Chase Scattergood, of the Class of 1919, who died in his Junior year. The income only is to be used toward the payment of professors' salaries. Present book value, \$24,381.59.

FRANCIS B. GUMMERE MEMORIAL FUND

Founded in 1920. This fund was started by a gift of \$25,000 from the late Miss Emily H. Bourne, of New York, conditional upon the raising of \$100,000 additional for an endowment of the Chair of English Literature in memory of her friend, Professor Francis Barton Gummere. A committee of alumni, consisting of J. Stoddell Stokes, '89, chairman; E. R. Tatnall, '07, treasurer; Hans Froelicher, '12, secretary; Charles J. Rhoads, '93; Alfred M. Collins, '97; Winthrop Sargent, Jr., '08, and Parker S. Williams, '94, working with President Comfort, organized a comprehensive campaign among the alumni and friends of the College to raise \$375,000 for this purpose and for increase of professors' salaries; the first \$100,000 of unspecified gifts was used to complete the Francis B. Gummere Memorial Fund to at least \$125,000, and the balance comprised the Isaac Sharpless Memorial Fund. Total, book value, \$125,569.51.

ISAAC SHARPLESS MEMORIAL FUND

Founded in 1920. The alumni of the College conducted during 1920 a campaign for \$375,000 additional endowment for the College to make possible additional salaries to the professors. Appeal was made to found two new funds, the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund. The funds received, except where otherwise specified, were first applied to the completion of the former up to \$125,000 (see above). Specified gifts and donations thereafter received, were then applied to the Isaac Sharpless Memorial Fund. The income only is to be used for salaries of professors. Total book value, \$218,728.43.

GENERAL EDUCATION BOARD FUND

The General Education Board of New York appropriated \$125,000 in 1920 to the campaign for increase of endowment when the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund, totaling \$375,000, were raised. Interest at five per cent was paid on the full sum for three years, and the \$125,000 in full payment was completed in 1926-1927. Total book value, \$126,076.83.

HAVERFORD IMPROVEMENT FUND AND CONSOLIDATED CAMPUS HOUSES ACCOUNT

Founded in 1922 to hold the Corporation's undivided share in College Lane land and eight houses. This property was turned over to the Corporation free of debt on Third Month 17, 1922, and with same the then debt of the Corporation amounting to \$155,942.15 was liquidated. The fund started with an

undivided interest of \$19,000. There was added in 1922, \$9,000; and in 1925, \$2,000. In 1926, \$5,000 of this fund was sold and the proceeds were appropriated for the alterations to Roberts Hall. The balance of this fund, \$25,000, was also used in 1927 for the same purpose. The income was used for general college purposes.

The College Lane land was purchased in 1886 for the benefit of the College by David Scull, Justus C. Strawbridge, Richard Wood and Francis Stokes, Managers of the College and now all deceased. With contributions raised by them and by mortgages on which they went on the bonds, funds were raised to build six dwelling houses, and two houses were built by the Corporation itself. From the income of the houses the debt against the properties was gradually reduced until it was entirely liquidated in 1919. The net income from 1919 until 1922, when the property was turned over to the Corporation, was applied toward the reduction of the Corporation's debt.

As of Ninth Month 1, 1944, all of these eight College Lane houses, together with seven houses which had been bought for the College and formed a part of the College debt, and nine other Campus houses which were owned free of debt, were consolidated at a combined valuation of \$281,331.70 into a new Campus Houses Account held by Consolidated Investment Account. There have been additional investments in other College houses from time to time and the present book value is \$570,957.65. Amortization of 1½% is to be applied to the annual reduction of the investment.

WILLIAM PENN FOUNDATION

Started in 1926 toward a fund of \$120,000 to establish a chair or lectureship in Political Science and International Relations. This fund forms a part of the Centenary program to raise \$1,000,000. This foundation is to be devoted, at the discretion of the Managers, to providing adequate undergraduate instruction in the theory and practice of our own and other governments, in the history of past attempts to secure international agreements and in the methods by which good international understanding may be promoted and maintained. Book value to date, \$102,067.43.

WALTER CARROLL BRINTON MEMORIAL FUND

Founded in 1920 by gift of \$5,000 by the family of Walter Carroll Brinton, Class of 1915, who died in France Twelfth Month 8, 1918, while engaged in Friends' Reconstruction Work. The fund sustained the Walter Carroll Brinton Scholarship until 1926-1927. It was then increased \$6,000 by further gifts of the founders, and at their request the purpose was changed from a scholarship fund to form a separately named fund of the William Penn Foundation, with its income to be used for the same objects. Present book value, \$14,125.79.

CORPORATION FUND

Founded in 1928 by setting aside \$70,000 of proceeds from sale of 5.811 acres of land on the southern boundary and at the southeastern corner of the College farm. In 1937, the fund was increased \$8,810, being proceeds of the sale of 1.762 acres of land to the Philadelphia Skating Club and Humane Society for their new ice skating rink. In 1951 the fund was increased by \$4,994.50, being proceeds of the sale of .284 acres of land to Philadelphia Electric Co. In 1953-54 the cost of renovation of Philips wing in the Library was taken from this fund (\$60,175.56). Present book value, \$25,128.94. The fund is invested and the income used for general college purposes, until otherwise directed by the Managers.

ELIZABETH J. SHORTRIDGE FUND

Founded 12 Month 22, 1930, by bequest from Elizabeth J. Shortridge, without restrictions. Until otherwise directed by the Managers, the income only is used for general purposes. Present book value, \$10,000.00.

HOWARD COMFORT MEMORIAL FUND

Founded in 1934 by gift of \$1,000 from President William Wistar Comfort in memory of his father, Howard Comfort, Class of 1870, who was a Manager from 1880 until his death in 1912, and Secretary of the Board of Managers from 1884 until 1908.

The fund was added to by further gifts from the same donor of \$1,000 in 1935, \$1,000 in 1936, \$2,000 in 1937 and \$500 in 1949. The income only is to be used for general purposes. Present book value \$5,527.31.

ELLEN W. LONGSTRETH FUND

This fund was established in 1935 by a bequest of \$20,000 and her residuary estate from Ellen W. Longstreth, a Friend, belonging to Haverford Meeting and living in Bryn Mawr. The principal and income are both unrestricted. This bequest and residue of \$84,416.28, together with further realization on residuary assets and an additional amount received upon the death of a life tenant of a trust, made a total of \$117,520.19. A part of this fund was used for the 1953-56 Building Program. Present book value is \$67,520.19.

ALBERT L. BAILY FUND

Founded in 1936 by an unrestricted bequest of \$5,000 from Albert L. Baily, '78. The income is used for general purposes. Present book value, \$5,000.00.

ELIZABETH B. WISTAR WARNER FUND

Founded First Month 16, 1937, by unrestricted bequest of \$4,950 from Elizabeth B. Wistar Warner, of Germantown, widow of George M. Warner, '73. The income is used for general purposes. Present book value \$4,950.00.

T. ALLEN HILLES BEQUEST

Founded First Month 19, 1937, by receipt of the proceeds of a trust fund created in 1935 by T. Allen Hilles, class of 1870, formerly of Wilmington, Delaware, recently of Glen Mills, Pa., who died 11th Month 15, 1935. The amount received in stocks and cash was \$285,000. Proceeds of mortgages of \$7,460.94 in 1938, and final cash from executor in 1939 of \$1,603.37 brought the gross total to \$294,064.31. From this was deducted in 1939 the final settlement of taxes and fees totalling \$13,300, thus making the final net bequest \$280,764.31. Accumulated income of \$12,489.77 was also received on First Month 19, 1937. In the trust created by the donor in 1935 he provided: "The gift to Haverford College shall constitute a fund to be known as 'The Hilles Bequest,' and the income shall be used for repair, upkeep and improvement of the building which I have given to Haverford College known as the Hilles Laboratory of Applied Science of Haverford College. My purpose in making this gift is primarily to relieve the Corporation of Haverford College from any additional expense on account of the erection of the building which I have given

them, and the accompanying expansion of its educational activities, but whenever and if the Board of Managers or other governing body of the College shall determine it to be for the best interest of the College to devote the whole or any part of the income of the fund to uses other than those above specified such income may be applied to such uses and in such manner as the Board of Managers or other governing body may in its absolute discretion determine." Present book value, \$280,764.31.

LEONARD L. GREIF, JR., AND ROGER L. GREIF FUND

Founded Ninth Month 29, 1937, by gift of \$1,000 from Leonard L. Greif, '34, and Roger L. Greif, '37, of Baltimore. The gift was unrestricted, but the Managers have set aside this fund as endowment for general purposes, the income only to be used, until otherwise determined by them. Further gifts of \$1,000 from each of the above donors were made in 1947-1948. During 1949-1950 an additional gift of \$1,000.00 was received from Leonard L. Greif, Jr. Further gift was made in 1952-1953 of \$1,000.00 by Leonard L. Greif, Jr. Present book value, \$7,000.00.

EDWARD M. WISTAR FUND

Founded First Month 9, 1938, by gift of \$2,500 from Edward M. Wistar, '72, for endowment, the income only to be used for general purposes. Present book value, \$2,500.00.

MORRIS E. LEEDS FUND

Founded Sixth Month 26, 1941, by a gift of shares of Leeds & Northrup stock, this fund was added to by further gifts of that company's stock during the lifetime of Morris Leeds. Upon his death he bequeathed to the college three-quarters of his entire residuary estate which bequest like the gifts made in his life was entirely without restrictions either as to principal or income.

The fund was ordered by the Managers until otherwise directed to be included among the funds for general purposes. After an appropriation for the 1953-56 Building Program, it has a present book value of \$1,469,519.75.

J. HENRY SCATTERGOOD FUND

Founded Tenth Month, 1941, by donations totaling \$1,660, made by members of the Board of Managers in recognition of the services for 25 years of J. Henry Scattergood, '96, as Treasurer of the Corporation of Haverford College. A further gift of \$340 was made in 1943-44, \$200.00 in 1949-50, \$1,000 in 1950-51 (through 1949 campaign) \$1,000 in 1951-52 (through 1949 campaign), \$1,000 in 1952-53 (through 1949 campaign), and \$6,800.00 in 1953-54 (through 1949 campaign).

The income of this fund is to be used in the field of International Relations and to be at the disposal of the President of the College and the William Penn Professor holding the Chair in Political Science and International Relations. If the income in any year is not used for the special purposes as stated, in the discretion of the President, it may be used for general purposes. It is further provided that after Tenth Month 1, 1951 the use of the fund for other purposes, both as to principal and income, shall be subject to the direction of the Board of Managers of Haverford College.

PARKER S. WILLIAMS FUND

Founded Tenth Month 1, 1947, by unrestricted bequest of \$100,000 under the will of Parker S. Williams, Class of 1894, of Villanova, Pa., who died in 1942. The actual amount received from the executors was \$103,993.26, due to the increased value of certain investments, which were held, instead of being converted, under an agreement with the College. Income was paid to the College from time to time until the receipt of the bequest.

GILBERT C. FRY FUND

Founded Fourth Month 2, 1948, by an unrestricted gift of \$1,000 U. S. Treasury Bond from Gilbert C. Fry, of Germantown, Philadelphia, Class of 1923, in remembrance of his 25th anniversary of graduation. A new fund was set up and until otherwise ordered by the Managers, the income only will be used for general purposes. Further gift of \$500.00 was made in 1949-50, \$1,000 was made in 1950-51 (through 1949 campaign), \$1,000 1951-52, and \$1,500 in 1952-53. Present book value \$5,000.00.

DANIEL B. BOYER FUND

Founded Third Month 3, 1948, with an initial gift of \$2,500 in stock from Daniel B. Boyer, Boyertown, Pa., Class of 1911. The donor's letter states: "It is my desire that the income from the stock be allocated for faculty use. If present reduced College income is not sufficient to cover current faculty needs, the Board of Managers should not hesitate to sell the shares and apply the proceeds for that purpose." A new fund was set up, and until otherwise ordered by the Managers, the income only will be used for faculty salaries.

MARRIOTT C. MORRIS FUND

Founded Ninth Month 1, 1948, by unrestricted bequest of \$10,000 from Marriott C. Morris, Class of 1885, of Germantown.

The fund is classified among unrestricted funds for General Purposes, and is included in Consolidated Investment Account. Book value, \$10,000.

1949 CAMPAIGN SALARY FUND

Founded Sept. 1, 1950 by a transfer of \$107,800.00 from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to augment faculty salaries and for increasing, where necessary, the teaching staff to make possible the desired ratio between faculty and students.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this fund may be expanded at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$186,784.52.

THE RUFUS M. JONES FUND FOR ADVANCEMENT OF TEACHING

Founded Sept. 1, 1950 by a transfer of \$235,000.00 from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to stimulate professional growth, encourage desirable research, make possible short-term absences for study or to render special service, and to raise professors' salaries.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this fund may be expended at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$370,076.27.

WILLIAM PYLE PHILIPS FUND

Founded on the death of William Pyle Philips, class of 1902, of New York City, N. Y. on December 18, 1950 by the bequest of his entire residuary estate as an endowment fund in perpetuity, the principal is to be invested in such securities as the Board of Managers shall deem advisable "but at least $\frac{1}{2}$ thereof to be invested in diversified common stocks."

The income is "to be applied from time to time to such purposes as said Board of Managers in their discretion shall deem advisable, provided, however, that approximately one-half ($\frac{1}{2}$) of such income be applied to one or more of the following purposes:

"(a) Purchase for the Treasure Room of the College Library of rare books which the College would not otherwise buy and comparable with the books mentioned in *Article Third* hereof;

"(b) Bringing to the College distinguished scientists or statesmen for a lecture or series of lectures, for courses of instruction, for seminars, for research or for other academic purposes; and

"(c) Subscription to important learned periodicals, domestic and foreign, of the various humanities and sciences, purchases of back numbers of such periodicals and binding of the same for permanent preservation in the College Library." Present book value, \$2,197,647.31.

WILLIAM B. BELL FUND

Founded in Ninth Month 1951 by partial distribution of \$19,444.44 on account of an unrestricted bequest to the College of William B. Bell, Class of 1900, of New York, and in 1953-54 a final distribution of \$14,436.47.

The fund is to be used for General Purposes and is included in Consolidated Investments Account. Present book value is \$36,178.02.

DR. THOMAS WISTAR FUND

Founded in 1952, upon the termination of a Trust by the bequest of the residuary estate of Dr. Thomas Wistar, class of 1858, the funds are to be kept invested and the net income used for such purposes either general or special as the Managers of said College may direct. Present book value is \$25,068.15.

THE CHARLES McCaul Fund

Founded in 1953 by a bequest of 1/8th of the residuary estate of Mary N. Weatherly. The fund is to be known as The Charles McCaul Fund, in memory of her step-father. The income only shall be spent.

The use of the fund is unrestricted but it is the hope of the Testatrix that some portion of the income may be used to provide one or more scholarships, and that the rest of the income may be used to provide *sound and conservative instruction* in the Social Sciences.

It is my preference that such scholarships be awarded to students who show especial interest in the field of religion and the Social Sciences, but I do not specifically limit the use of the Fund, having confidence in Haverford College to teach high ideals." The present book value of this Fund is \$37,187.20.

ISAAC & LYDIA COPE SHARPLESS FUND

Founded in 1953 by bequest of \$5,000.00 from Lydia Cope Sharpless, who died Sept. 23, 1952, "in memory of my husband, Isaac Sharpless." The fund is without restriction, and has a present book value of \$5,000.00.

CLASS OF 1937 FUND

Founded Fifth Month 16, 1955 by a gift of \$4,500 from Margaret A. Lester and John A. Lester '96, in appreciation of the benefits rendered to their son, John A. Lester, Jr. '37.

The fund is unrestricted as to principal and income, but an annuity is payable at the rate earned by the Consolidated Funds.

J. HORACE COOK FUND

"Founded in 1955 by a bequest under the will of J. Horace Cook, Class of 1881, who died March 25, 1939, this bequest became effective on the death of Mary Fuller Cook, his widow. This Fund is "to be kept . . . and the income to be used for the needs of the College as it shall see fit, but preferably for a scholarship one to be awarded each year so there will be a student in each class receiving his tuition from this fund." "Ten per cent of the net income for each and every year shall be added to principal of this Fund." Present book value, \$123,534.97.

THE FORD FOUNDATION ENDOWMENT FUND

The Ford Foundation made grants to the college on July 1, 1956 and June 27, 1957, for an Endowment Fund totaling \$345,000.

In accordance with the terms of the gift "Until July 1, 1966, the principal of the grant shall be held by the grantee institution only as endowment, and the income from such grant shall be used only to increase faculty salaries. After July 1, 1966, principal and income of the grant may be used for any educational purposes of the institution."

THE FORD FOUNDATION ACCOMPLISHMENT FUND

The Ford Foundation also made on July 1, 1956 and June 27, 1957, two payments for an accomplishment grant in the amount of \$214,000. This grant was made in recognition of the fact the college had, with certain other institutions to whom similar grants were made, taken the lead in their regions in improving the status and compensation of American College Teachers.

"The purpose of the grant shall be to advance the academic program of the grantee institution either by increases in faculty salaries or by meeting other pressing academic needs. The grant may be spent in whole or in part, from time to time, as the grantee institution may determine."

THOMAS HARVEY HAINES AND HELEN HAGUE HAINES FUND

Founded in 1956 by a bequest of one-third of the residuary estate of Helen Hague Haines, this fund was given in memory of Thomas Harvey Haines, class of 1896. The proceeds are to be used "to promote understanding among men by research, training and teaching in the field of human relations." Present book value is \$12,426.18.

FUND FOR GRADUATE SCHOOL MOSES BROWN FUND

A trust founded by T. Wistar Brown, in 1906, as a memorial to his father, Moses Brown. Transferred to the College in 1916 after his death, having at that time a par value of \$372,821.91 and book value of \$318,823.56. Present book value, \$382,223.69. The fund was created to establish a graduate course in religious study in harmony with and supplementary to the teaching and study provided for by the John Farnum Brown Fund. The income only is to be used; at least ten per cent of the total income must be capitalized each year. The unused income, if any, is likewise capitalized at the close of each fiscal year. The graduate school supported by the Moses Brown Fund was designated "The Thomas Wistar Brown Graduate School." In 1927 the former separate school was discontinued and eight graduate scholarships were created.

In 1937-1938, arrangements were first made for cooperation in courses with Pendel Hill, a school for religious education under the care of Friends, located at Wallingford, Pa.

FUNDS FOR INFIRMARY INFIRMARY ENDOWMENT FUND

Founded in 1911 from subscriptions totaling \$9,072.55, raised among alumni and friends of the College. The income is used toward the expenses of the Morris Infirmary. Present book value, \$9,653.44.

JOHN W. PINKHAM FUND

Founded in 1911 by legacy of \$5,000 from Dr. John W. Pinkham, '60, being transmitted by gift from his widow, Cornelia F. Pinkham. There are no binding conditions, but as she expressed an interest in the Morris Infirmary, then building, the Board of Managers directed that the income of this fund should be used in the support and maintenance of the Infirmary. Present book value, \$5,059.50.

FUND FOR HAVERFORD UNION HAVERFORD UNION FUND

Founded in 1920 by gift from the former Haverford Union Members of \$1,000 par value of bond at book value of \$800 and \$678.59 cash, and all the personal property in the Union from the Haverford College Union. The College assumed the responsibility for the care of the building First Month 16, 1920. The income is used toward the maintenance of the Union building. Present book value, \$1,878.82.

FUNDS FOR SCHOLARSHIPS

THOMAS P. COPE FUND

Founded in 1842 by gift of sixty shares of Lehigh Coal and Navigation Co. stock, par value \$3,000, from Thomas P. Cope. Present book value, \$5,257.82. The income only is to be used "for the education of young men to qualify them to become teachers, but who are not of ability to pay their own schooling." This fund sustains the Thomas P. Cope Scholarships.

EDWARD YARNALL FUND

Founded in 1860 by bequest of \$5,000 from Edward Yarnall. Present book value, \$6,069.23. The income only is to be used for "the support of free scholarships." The fund sustains the Edward Yarnall Scholarships.

ISAIAH V. WILLIAMSON FUND

Founded in 1876 and increased in 1883 by gifts of sundry ground rents from Isaiah V. Williamson. Present book value, \$19,817.40. The income only is to be used for free scholarships. The fund sustains the Isaiah V. Williamson Scholarships.

RICHARD T. JONES SCHOLARSHIP FUND

Founded in 1885 by bequest of \$5,000 from Jacob P. Jones as a memorial to his late son, Richard T. Jones, '63. The income only is to be used to sustain the "Richard T. Jones Scholarship." Present book value, \$5,056.25.

MARY M. JOHNSON SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Mary M. Johnson. Accrued interest before payment to the College increased the fund by \$3,062.95. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships. Present book value, \$7,013.61.

SARAH MARSHALL SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Sarah Marshall. Accrued interest before payment to the College increased the fund by \$2,589.49. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships. Present book value, \$7,919.76.

CLEMENTINE COPE FELLOWSHIP FUND

Founded in 1899 by gift of \$25,000 from Clementine Cope. The gift was to establish the "Clementine Cope Fellowship Fund to assist worthy and promising graduates of Haverford College in continuing their course of study at Haverford or at some other institution of learning in this country or abroad." The selection of the Fellows is made by the Board of Managers upon nomination by the Faculty. Present book value, \$22,845.86.

ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present book value, \$9,904.36. The gift was to establish "The Isaac Thorne Johnson Scholarship to aid and assist worthy young men of Wilmington Yearly Meeting or of the Central West to enjoy the privileges of Haverford College." Unused income is added to the principal of the fund.

CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded in 1920 by gift of Edward M. and Margaret C. Wistar of \$5,000 par value in bonds in memory of their son, Casper Wistar, of the Class of 1902, who died in Guatemala in 1917 while engaged in mission service in that country. The income only is to be used for scholarships, primarily for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring preparation for similar service in America or other countries. Present book value, \$6,951.21.

J. KENNEDY MOORHOUSE SCHOLARSHIP FUND

Founded in 1926 by gifts totaling \$3,000, with \$1,000 added in 1926, and \$1,000 in 1928 and \$1,000 in 1929 from the Class of 1900 in memory of their classmate, J. Kennedy Moorhouse. The scholarship provided by this fund is "to be awarded, whenever a vacancy shall occur, to the boy ready to enter the Freshman class, who in the judgment of the President of the College appears best fitted to uphold at Haverford the standard of character and conduct typified by J. Kennedy Moorhouse, 1900, as known to his classmates: A man, modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living." Present book value, \$5,155.85.

LOUIS JAQUETTE PALMER SCHOLARSHIP FUND

Founded in 1928 by gift of \$5,000 from Triangle Society, as follows:

"The Triangle Society of Haverford College herewith presents to the Corporation of Haverford College, a fund of Five Thousand Dollars (\$5,000) to be hereafter known and designated as the 'Louis Jaquette Palmer Scholarship Fund';

"This fund represents contributions from the members of the Triangle Society of Haverford College who have been thus inspired to perpetuate the memory of their fellow member, Louis Jaquette Palmer, of the Class of 1894, one of the founders of the Triangle Society, whom they admired for his cooperative spirit and constructive interest in student and community welfare. The fund is placed with the Corporation of Haverford College with the understanding:

"That such student shall be selected from a list of those eligible for entrance to Haverford College, who shall have combined in his qualifications the fulfillment of such conditions as apply to applicants for the Rhodes Scholarships under the terms of its creation, and furthermore that the student so selected and entered in Haverford College may continue to receive said scholarship fund throughout his course at College, subject to the approval of the Committee, otherwise preference shall be given to applications for the Freshman Class;

"That the selection of said student and the determination of the qualities and conditions hereinbefore mentioned shall be subject to the decision and control of a committee of three (3), which committee shall be composed of two (2) members of the Triangle Society and the President of Haverford College, the said members of the Triangle Society to select and recommend the applicants and the committee as a whole to determine their qualifications and eligibility.

"Finally, in the event that no student is selected by the Triangle Society or that a vacancy occurs, the income from said funds and any additions shall accumulate as provided under the customary rules and regulations of the Corporation of Haverford College."

In 1950 there was added to this fund the proceeds of ten life insurance policies formerly held in the Triangle Society Endowment Fund amounting to \$2,954.18 plus the balance of \$500 in that Fund and four additional con-

tributions of \$543.01, \$222.00, \$1,000, and \$330 by members of the Society, making the present book value of this Fund \$11,908.19.

PAUL W. NEWHALL MEMORIAL SCHOLARSHIP FUND

Established in 1931 by bequest of \$5,045.60 from Mary Newhall in memory of her father, Paul W. Newhall, a Manager, 1844-48, for the establishment of a scholarship fund. The income only to be used for free scholarship purposes. Present book value, \$5,045.60.

ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

Founded in 1935 by gift of \$750. \$2,000 each year, 1936 to 1940, and in 1942; \$2,500 in 1941; \$1,000 in 1943; \$1,000 in 1944; \$2,000 in 1945; \$2,000 in 1947-1948, \$1,000 in 1949-1950, by Harry M. Zuckert, New York, in memory of his son, Robert Martin Zuckert, of the Class of 1936, who was killed in an accident in June, 1935. The income is to be used for scholarship and the donor said, "I should prefer a boy who is a native of New York or Connecticut and who now resides in one of those States." Present book value, \$22,250.00.

SAMUEL E. HILLES ENDOWMENT CREATED BY MINA COLBURN HILLES

Founded in 1935 by gift of \$5,000 from Mrs. Mina Colburn Hilles, of Orlando, Fla., in memory of her husband, Samuel E. Hilles, Class of 1874, formerly of Cincinnati, who died in 1931. This fund was created under a trust deed with Central Title and Trust Co., Orlando, Fla., to whom annual reports are to be made. The income only is to be used for scholarships for worthy students who are unable to finance their expenses at Haverford College. Present book value, \$5,017.31.

CLASS OF 1913 SCHOLARSHIP FUND

Founded Fourth Month 15, 1937, by gift of \$3,000 from Class of 1913 for the endowment of scholarship aid. The income only is to be used for scholarship aid, to be awarded annually to a worthy student of any undergraduate class. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College. Present book value, \$3,000.00.

THE AUGUSTUS TABER MURRAY RESEARCH SCHOLARSHIP FUND

Founded Fifth Month 31, 1939, by gift from two anonymous friends of Dr. Augustus Taber Murray, '85, by gifts of \$20,000 par value of securities subject to annuity during their lives, and with permission to use principal for the annuity payments, if necessary.

Upon the deaths of the two annuitants, the remaining principal shall be held in a fund, the "Income to be used for scholarships in recognition of the scholarly attainments of Augustus Taber Murray, a distinguished Alumnus of Haverford College, of the Class of 1885, and for many years a professor of Leland Stanford University, the fund to be known as 'The Augustus Taber Murray Research Scholarship.' Then scholarships in English literature or philology, the classics, German literature or philology (in order of preference) shall be awarded upon such terms and conditions as the College may from time to time establish to students who have received the bachelor's degree at Haverford College, and shall be awarded for the purpose of study in other institutions toward the degree of Doctor of Philosophy or such degree as may in the future correspond to that degree."

The amount of the Scholarship is to be \$900 a year whenever awarded, and only unmarried students are eligible to hold it. Present book value, \$24,219.90.

THE CLASS OF 1917 SCHOLARSHIP FUND

Founded Seventh Month 13, 1942, by initial gift of \$2,000.00 from the Class of 1917, John W. Spaeth, Jr., Treasurer, as a Twenty-fifth Anniversary Gift. A further gift of \$250.00 was made at the same time to cover the first two years of a scholarship of \$125.00 per year. Preference is to be given to a son of a member of the Class of 1917. The income only is to be used for a scholarship to the extent of \$150.00 per annum. This was increased to \$200.00 per annum in 1947-1948. Further contributions from the members of the Class of 1917 are to be applied in the following order:

(1)—To supplement the annual income from the principal sum of \$2,000.00, so that the annual scholarship stipend shall be \$150.00 (increased to \$200 in 1947-48, increased to \$300 in 1949-50, increased to \$500 in 1952-53), or as near that sum as may be;

(2)—To add to the principal sum any surplus of these annual contributions not needed to serve the purpose of (1). Since the scholarship stipend for the years 1942-1943 and 1943-1944 was already provided for by the additional \$250.00 already contributed by the Class of 1917, the annual contributions from the Class in these two years was added at once to the principal sum of \$2,000.00, thus serving the purpose of (2) above. Further contributions of \$500 were made in 1944-1945; \$425 in 1945-1946; \$810 in 1946-47; \$985 in 1947-1948; \$250 in 1948-1949; \$450 in 1949-1950; \$670 in 1950-51; \$705 in 1951-52; \$405 in 1952-1953; \$725.00 in 1953-54; \$395.00 in 1954-55; and \$865.00 in 1955-56; \$503.92 in 1956-57. Present book value, \$10,725.00.

DANIEL B. SMITH FUND

Founded Tenth Month 6, 1943, by gift of \$2,500 from Anna Wharton Wood, of Waltham, Mass., who died in 1944. This was increased Fifth Month 24, 1945 by a bequest of \$2,500 made by Miss Esther Morton Smith, of Germantown, Philadelphia, who died Third Month 18, 1942.

This fund is established by the granddaughters of Daniel B. Smith "in loving memory of their grandfather and his intimate association with the early years of the College."

The income is to be used, in the discretion of the Faculty as an annual scholarship for some young man needing financial aid in his College course. Preference is to be given to a descendant of their father, Benjamin R. Smith, if any such should apply. Present book value, \$5,000.00

SARAH TATUM HILLES MEMORIAL SCHOLARSHIP FUND

Founded Eleventh Month 1, 1943 by bequest of \$75,534.58 from Joseph T. Hilles 1888, in memory of his mother "Sarah Tatum Hilles."

The will directs that the income be used "to provide for such number of annual scholarships of \$250 each as such income shall be sufficient to create"; they are to be awarded by the Managers upon "needy and deserving students," and to be known as "Sarah Tatum Hilles Memorial Scholarships."

It is estimated that twelve scholars can be thus provided for at present. Present book value \$75,534.58.

ELIHU GRANT MEMORIAL SCHOLARSHIP FUND

Established Second Month 2, 1944 by gift of \$200 from Mrs. Elihu Grant to supplement the simultaneous transfer of \$803.73 to this new fund from Donations Account, being the balance of Donations made by Dr. Grant during his lifetime to the Beth Shemesh account, and \$75.00 realized from the sale of some of his books. Mrs. Grant has made a further gift of \$1,000 in 1943-44 and \$2,000 in 1944-45. And, Grant Foundation, Inc., gave \$10,000, also in 1944-45. Mrs. Grant made a further gift of \$1,000 in 1945-46. In 1949-1950 in connection with the Campaign, the Grant Foundation made a further gift to the College of \$25,000, to be added to this fund. Present book value, \$40,275.01.

With the donor's approval, the terms of the fund are as follows:

"Founded in 1944 to commemorate the service to Haverford College of Dr. Elihu Grant, from 1917 to 1938, a member of the College faculty. The income from this fund is applied to scholarship assistance to students in the Humanities, primarily those specializing in the study of Biblical Literature and Oriental subjects, and is limited to those whose major subject has been approved by the College faculty. In special circumstances the income may be utilized to assist those working for a post-graduate degree at Haverford College." If conditions change, the Managers are given power to change the use of the fund. In making the additional grant in 1949-50, the Foundation stated that "the income from this present gift may be allocated as scholarship or fellowship awards by the proper authorities of the College to under graduate or graduate students without restriction as to courses of studies." Present book value, \$40,275.01.

CHRISTIAN FEBIGER MEMORIAL SCHOLARSHIP FUND

Founded Sixth Month 13, 1946 by a gift of \$8,000 from Madeleine Seabury Febiger, of Philadelphia, in memory of her husband, Christian Febiger, Class of 1900.

On Third Month 18, 1949 a bequest of \$9,050 was received from the executors of Mrs. Madeleine Seabury Febiger, who died September 27, 1947, and was added to this fund.

The income only is to be used in paying the tuition or other college expenses of worthy, needy students at Haverford College. Present book value, \$17,050.

JOSEPH L. MARKLEY MEMORIAL SCHOLARSHIP FUND

Founded 2nd Month 10, 1947 by gift of \$5,000.00 from Mrs. Mary E. B. Markley of Ann Arbor, Michigan, widow of Joseph L. Markley, A.B. '85, M.A. '86, who was Professor of Mathematics at University of Michigan. The gift was made "to be held as an endowment fund in memory of Joseph L. Markley of the Class of 1885. The income of which is to be granted each year, in the discretion of the faculty, as a scholarship to some student on the basis of character, scholarship and financial need."

JOSEPH C. AND ANNE N. BIRDSALL SCHOLARSHIP FUND

Founded 2nd Month 24, 1947 by initial gift of \$10,000 from Dr. Joseph C. Birdsall, Class of 1907, of Haverford, Pa., "for the establishment of a new fund to be known as "Joseph C. and Anne N. Birdsall Scholarship Fund, the income only to be granted each year, in the discretion of the faculty of Haverford College, as scholarship aid to some student or students of Haverford College who are preparing for medicine,—the selection to be upon the basis of character, scholarship and financial need." Further gifts 1947-48, \$5,000; 1948-49, \$5,000; 1949-50, \$5,000; 1956-57, \$5,000. Present book value, \$30,000.

DANIEL E. DAVIS, JR., MEMORIAL SCHOLARSHIP FUND

Founded by gifts made First Month 20 and Second Month 17, 1948, totalling \$3,000, by Mr. and Mrs. Daniel E. Davis, of Sewickley, Pa., to establish the Daniel E. Davis, Jr., Memorial Scholarship Fund, in memory of their son, ex Class of 1944, who was killed in aerial warfare in the Pacific.

The income from the fund is to be granted each year, in the discretion of the Faculty, as a scholarship to some student on the basis of character, scholarship and financial need.

JONATHAN M. STEERE SCHOLARSHIP FUND

Founded Twelfth Month 28, 1948 by gift of \$2,300 from Jonathan M. Steere, Class of 1890. Classified among the Scholarship Funds and included in Consolidated Investment Account.

The donor's provisions governing the use of the fund are as follows: "With this stock, or its proceeds, I wish to establish a fund for a scholarship primarily for a graduate of Moses Brown School, Providence, R. I., now under the care of New England Yearly Meeting of Friends. Should the scholarship not be awarded in any one year to a graduate of Moses Brown School, it may be awarded to someone else, preferably from New England, in the discretion of the College. If advisable, it may be given to more than one boy in any year. My preference is that it be awarded to a member of the Society of Friends, but I do not so restrict it. Should the time come when, for any reason, scholarships may not be needed or desirable, having full confidence in the Management of the College, I wish that both the principal and the income be used as the College in its sole discretion shall determine.

"I suggest that at the College it be known as the 'Moses Brown School Scholarship', and at the School as the 'Haverford Scholarship'." A further gift of \$4,985.00 was made in 1949-50 and \$2,715 in 1950-51 (through 1949 campaign). Present book value, \$10,000.

WILLIAM GRAHAM TYLER MEMORIAL SCHOLARSHIP FUND

Founded Tenth Month 1949 by gift of \$15,000 from Miss Mary Graham Tyler in memory of her father, William Graham Tyler, Class of 1858. Formerly of Philadelphia, William Graham Tyler took an active part in civic improvement in New Jersey and in Iowa, and was concerned with the advancement of Friends Education at both William Penn College and Haverford College.

The income from the fund is to be granted each year, in the discretion of the College, as scholarship aid to some student or students on the basis of character, scholarship, and financial need. Preference is to be given to students from Oskaloosa, Iowa, or William Penn College in that state.

1890 MEMORIAL SCHOLARSHIP FUND

Founded in March 1950 by a gift of \$2500 from Andrew L. Lewis of Worcester, Pennsylvania, in memory of his father, John F. T. Lewis, of Class of 1890, "and in recognition of his father's friendship with the members of his class."

The income from this fund is to be awarded as a scholarship by the College to a deserving student. Since in the beginning the income from this fund will not be large enough to furnish an entire scholarship, it may be used in conjunction with some other scholarship to insure aid of material size. Increased by \$100 in 1951-52 and \$100 in 1952-53. Present book value, \$2,700.

1949 CAMPAIGN SCHOLARSHIP FUND

Founded Sept. 1, 1950 by a transfer of \$38,610.00 from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to increase funds available for scholarships, in order to maintain the quality and increase the diversity of the student body and to carry on the tradition that personal merit rather than ability to pay is the primary entrance qualification.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this fund may be expended at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$48,849.29.

MAX LEUCHTER SCHOLARSHIP FUND

The plan for this fund was evolved during the life of Max Leuchter, who died in 1949, and carried out upon his death by his wife Cecila P. Leuchter and his sons, Ben Z. Leuchter and Joel C. Leuchter. Self educated after completion of grade school, becoming editor and publisher of the Vineland Times Journal, Max Leuchter wished to benefit the College to which he sent his son, and which he had come to greatly admire.

The purpose of the donors in making this gift in 1950 of \$10,000.00 was to "create a scholarship which shall be given yearly to a student whose need can be demonstrated, whose academic performance meets the College requirements, and who, in addition, gives promise of making an outstanding contribution to the life of the College through his breadth of interest, his love of hard play and of hard work."

The scholarship shall be in the amount of \$300.00 in the beginning. It may be given to a new student each year or to one student through each of his four years. All income received above \$300.00 shall be capitalized each year.

"When the income from the fund has reached proportions such that an additional scholarship of \$300.00 can be awarded, and that at the same time at least \$300.00 can be returned to the fund, the additional award shall then be made."

"It is the further wish of the donors that, while their interests are primarily as stated above, should the Board of Managers of the College be faced with circumstances which cannot be foreseen now, the Board may, at its discretion, use the income from the fund for College purposes other than the scholarship purposes." The present book value is \$13,549.88.

A. CLEMENT WILD SCHOLARSHIP FUND

Founded in 1951 by a first gift of \$4,087.50 of Gertrude T. Wild in memory of her husband, A. Clement Wild, of the class of 1899. The income from the fund is to be used for a scholarship or scholarships, to be granted without restrictions in the discretion of the College.

In making the gift the donor, though reiterating the freedom from restrictions, expressed the feeling that as A. Clement Wild was born in England, becoming a naturalized American Citizen, a grant to an English Exchange Student or someone in a similar category would be appropriate. Increased by \$4,625.00 in 1951-52; \$4,300.00 in 1952-53; in 1953-54 \$4,100.00; in 1954-55 \$5,300.00; and in 1955-56 \$2,587.50. The present book value is \$25,000.

CAROLINE CHASE SCHOLARSHIP FUND

Founded December 10, 1951 by payment on a bequest of part of the residue of the estate of Caroline Chase, daughter of Thomas Chase, one time president of the College, of Providence, Rhode Island, whose Will provided:

"This gift is made as an expression of my father's enthusiastic appreciation for its high standards of scholarship in Greek, Latin and English literature.

"It is my intention that the said share given to said Haverford College shall be used for any of the educational purposes of said College according to the discretion of the President of the time being."

Present book value of the fund is \$6,245.11.

ROY THURLBY GRIFFITH MEMORIAL FUND

Founded in 1953 by a legacy of \$5,000.00 from Grace H. Griffith, who died April 14, 1952, in memory of Roy Thurlby Griffith, class 1919. "The income therefrom to be used for a scholarship or scholarships for such individual or

CLASS OF 1904 SCHOLARSHIP FUND

Founded June 4th, 1954 in commemoration of its fiftieth anniversary by the Class of 1904 and the families of its deceased members, the Fund is to be used for scholarship purposes and has a present book value of \$6,000.

individuals as in the judgment of the Trustees of said College shall be deserving of the same. The Trustees of said College shall have full power and discretion to determine the number of scholarships, the amount of such scholarships, and the recipients of the same, but it is my desire that wherever possible preference shall be given to boys who have no father and who are in need of financial assistance." Present book value \$5,000.

INAZO NITOBÉ SCHOLARSHIP FUND

"Founded in 11th Month 1955 by a bequest of \$10,000 under the will of Anna H. Chace of Providence, R.I. The fund became payable upon the death of her sister Elizabeth M. Chace.

"The income, or so much thereof as said College may deem best, (is) to be used and applied for the education at said Haverford College of a Japanese student who shall be a resident of Japan at the time of his appointment to such scholarship and for his traveling expenses from and to Japan and his living expenses during the period he shall hold such scholarship." Present book value, \$10,000.

THE SUMMERFIELD FOUNDATION SCHOLARSHIP FUND

Founded February 1956, by a gift of \$1,000 from The Summerfield Foundation, this fund is to be added to the Endowment of the College; the income is to be used for scholarship purposes. Present book value, \$2,000.

W. LACOSTE NEILSON SCHOLARSHIP FUND

This fund was established in June 1957 by the family and friends of W. LaCoste Neilson, Class of 1901, in his memory.

The income is to be used for the payment of one or more scholarships at the discretion of the College, preference if possible being given to students taking scientific or practical courses rather than those in the field of the arts. The present value of this fund is \$11,275.

FUNDS FOR THE LIBRARY

ALUMNI LIBRARY FUND

Founded in 1863 by contributions from the alumni and other friends of the College. In 1909 the unexpended balance (about \$5,000) of a fund of \$10,000 raised in 1892, and known as the "New Library Fund," was merged into the Alumni Library Fund. Present book value, \$17,435.06. The income is used for binding and miscellaneous expenses of the Library.

MARY FARNUM BROWN LIBRARY FUND

Founded in 1892 by gift of \$20,000 from T. Wistar Brown, executor of the Estate of Mary Farnum Brown. Additions were made by T. Wistar Brown in 1894, \$10,000 for a lecture fund, and in 1913, \$20,000. In 1916, after T. Wistar Brown's death, there was added to this fund \$34,499.78 par value of securities, book value, \$30,149.78, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present book value, \$68,149.03. The purpose of this fund (except \$10,000) is for the increase and extension of the Library. The income only is to be used for the purchase of books, and one-fifth of same is to be spent for books promoting the increase of Christian knowledge. The books purchased with the income of this fund are marked by a special book-plate. The income of \$10,000 of the fund is to provide for an annual course of lectures upon Biblical subjects designated "The Haverford Library Lectures." Unused income from the fund, if any, must be capitalized at the end of each fiscal year.

WILLIAM H. JENKS LIBRARY FUND

Founded in 1910 by gift of \$5,000 from Hannah M. Jenks, widow of William H. Jenks. The fund was first known as "Special Library Fund," but after the death of Hannah M. Jenks was changed, in 1916, to "William H. Jenks Library Fund." The purpose of this fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriate additions thereto. Any income not used for these purposes may be used toward the general needs of the Library. Present book value, \$5,000.00.

MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded in 1914 by gift of \$20,000 from Parker S. Williams, '94, as a memorial to his late wife, Mary Wistar Brown Williams. The income only is to be used for the purchase of books for the Library, preferably books coming within the classes of history, poetry, art, and English and French literature. The books purchased with the income of this fund are marked by a special book-plate.

ANNA YARNALL FUND

Founded in 1916 by residuary bequest of \$13,000 par value of securities with book value of \$7,110, and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present book value, \$173,078.14. The real estate was sold in 1923 and netted the College \$164,820.50. The bequest was made for the general use of the Library. The Testatrix says, "I do not wish to restrict the managers as to the particular application of this fund, but desire them to use the income arising from it as in their best judgment and discretion shall seem best, for the purchase of books and manuscripts, book cases, rebinding of books, and, if need be, the principal or portions thereof, or the income or portions thereof, for additions to the pres-

ent Library building, or the erection of new Library buildings. I direct that all books purchased with this fund shall be plainly marked 'Charles Yarnall Memorial' in memory of my father, Charles Yarnall."

F. B. GUMMERE LIBRARY FUND

Founded in 1920 by gift of \$635.41, raised among the students by the Students, Association of the College as a memorial to Professor Francis Barton Gummere. The income only is to be used to buy for the Haverford College Library books on the subjects that he taught or was interested in.

The student's Association voted to raise twenty-five dollars for a special shelf in the Library to be known as the "F. B. Gummere Memorial Shelf." This shelf, with its proper inscription, holds the books purchased by this fund. Present book value, \$635.47.

EDMUND MORRIS FERGUSSON, JR., CLASS OF 1920 MEMORIAL FUND

Founded in 1920 by memorial gift of \$1,000 from the family of Edmund Morris Fergusson, Jr., Class of 1920, who died at the College in his Senior year. The income only is to be used for the maintenance and increase of the Library's Department of English and American Literature. The books purchased with the income of this fund are marked by a special book-plate indicating its source. Present book value, \$1,002.34.

CLASS OF 1888 LIBRARY FUND

Founded Sixth Month 15, 1938, by gifts totaling \$5,250 from members and families of the Class of 1888, on the occasion of their fiftieth anniversary. The conditions of the gift are as follows:

- (1) A fund is to be established, to be known as "THE CLASS OF 1888 LIBRARY FUND."
- (2) The income only of this fund is to be used exclusively for the purchase of books for the Haverford College Library, except as noted below (in Clause 6).
- (3) The fund established now will be added to later by gift or bequest.
- (4) Members of the Class also expect to donate books to the Library, with the understanding that when such books are duplicates of books already in the Library, they may be exchanged for books needed, or sold, and the money so obtained used in the same way as the income of the fund.
- (5) All books purchased by the income of the fund (or obtained as in 4) are to be provided with a special book-plate to be furnished by the Class.
- (6) Income from the Class Fund or moneys obtained by sale of duplicate books may, when necessary, be used for binding or repair of books designated as belonging to the Class collection. Additional donations were made as follows: \$500 in 1939-40; \$100 in 1943-44; \$500 in 1944-45 and \$200 in 1945-46. Present book value, \$6,550.00.

CLASS OF 1918 LIBRARY FUND

Founded Third Month 24, 1938 by gift from the Class of 1918 in commemoration of their twentieth anniversary. The gift was \$1,753.52 of which \$500 was spent for a portrait of the late Rayner W. Kelsey, Professor of History, who died Tenth Month 29, 1934; and the balance of \$1,253.52 was used in establishing a new Library Fund, the income to be used for books. Present book value, \$1,253.52.

QUAKERIANA FUND

Founded 1st Month 8, 1947, by gift of \$600 from President Emeritus William Wistar Comfort '94, as explained in letter from him as follows: "In 1940 some Alumni gave me a sum of money to buy books for myself. This I have done, and now there remains \$600 which I wish to make over to the Corporation, the interest of which may provide books or manuscripts for the Quaker collections. As a compliment to the donors of the fund, I should like the enclosed bookplate to be inserted in such future purchases."

MOHONK FUND FOR THE RUFUS JONES COLLECTION OF MYSTICISM

Founded Third Month 21, 1949 by gifts totaling \$1,500 from members of the Albert K. Smiley family of Mohonk Lake, N. Y.

The gift was made "to make possible additions to the Rufus Jones Collection on Mysticism in the College Library," with the further provision that "it may be used at the discretion of Haverford College, if the purpose for which it is intended should no longer be applicable or desirable."

The fund is classified among Library Funds, and is included in Consolidated Investment Account. Book value, \$1,500.

RUFUS M. JONES BOOK FUND

Founded Seventh Month 11, 1949 from bequest of \$5,000 through a deed of Trust established by Rufus M. Jones during his life, "the income only to be used—for the purchase of books on Mysticism, to be added to the Collection of books on that subject," which he turned over to the College a few years before his death.

The fund is designated as the Rufus M. Jones Book Fund, is classified among Library Funds, and is included in Consolidated Investment Account. Book value, \$5,000.

1949 CAMPAIGN LIBRARY FUND

Founded Sept. 1, 1950 by a transfer of \$22,100. from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to increase funds with which to buy books, and thus maintain the excellence of the Library.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this Fund may be expended at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$36,235.13.

FUNDS FOR PENSIONS

PRESIDENT SHARPLESS FUND

Founded in 1907 by contributions from interested friends of the College, finally amounting to \$40,000. Present book value, \$41,237.08. The income is to be used for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

WILLIAM P. HENSZEY FUND

Founded in 1908 by gift of \$10,000 from William P. Henszey, donated in connection with the raising of the President Sharpless Fund, but kept as a separate fund. Increased in 1909 by legacy of \$25,000 from William P. Henszey. Present book value, \$36,758.66. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

JACOB P. JONES BENEFIT FUND

Founded in 1909 and increased in 1910 by proceeds of land sold for account of Jacob P. Jones legacy. Present book value, \$68,113.78. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

PLINY EARLE CHASE MEMORIAL FUND

Founded in 1909 by transfer to the College of a fund raised in 1887 in memory of Professor Pliny Earle Chase, and amounting to par value of \$4,173.04. The income of this fund is used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. This income is transferred annually to the Haverford College Pension Fund, for old style pensions, or, if not needed for pensions, is capitalized in said fund. Present book value, \$3,272.24.

HAVERFORD COLLEGE PENSION FUND

Founded in 1920 and added to since, being accumulations of income from the President Sharpless Fund, the William P. Henszey Fund, the Jacob P. Jones Benefit Fund and the Pliny Earle Chase Memorial Fund, not needed for pensions. Present book value, \$112,040.73. The income from this fund, together with the income from the four above-mentioned funds, is used for old style pensions. Income not needed for pensions was capitalized until 1932; then any unused income was used toward the College's share in cost of new contributory pensions with the Teachers' Annuity and Insurance Association. Now the old style pensions call for more than the income of all these Pension Funds. When the proper time comes in an actuarial sense, the principal of this fund can be used as well as the income for the old style pensions until they cease.

FUNDS FOR SPECIAL PURPOSES

THOMAS SHIPLEY FUND

Founded in 1904 by gift of \$5,000 from the late Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present book value, \$5,248.00. The income only to be used for lectures on English Literature at the College. In case of actual need, at the discretion of the President of the College, the income can be used for general expenditures.

ELLISTON P. MORRIS FUND

Founded in 1906 by gift of \$1,000 from Elliston P. Morris, '48. The income is to be used as a prize for essays to be written by students on the subject of Arbitration and Peace. "The Elliston P. Morris Prize" of \$40 is given in each year, the competition being open to all undergraduates and to graduates of not more than three years' standing.

In 1929, it was determined, with the consent of the family of Elliston P. Morris, that when the prize is not awarded the income may be used for the purchase of library books on arbitration and peace. Present book value, \$1,126.75.

JOHN B. GARRETT READING PRIZE FUND

Founded in 1908 by a gift of \$2,000 par value of bonds by the late John B. Garrett, '54. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading, which he had given for a number of years. The prizes were not awarded from 1922 to 1939 on account of default of the bonds. Reorganization has resulted in 1939 in sufficient recovery of value to provide again for this prize. Present book value, \$2,247.87.

SPECIAL ENDOWMENT FUND

Founded in 1909 by gift of \$12,000 par value of bonds, book value \$11,800, from an anonymous donor. The income only of this fund to be used "to furnish opportunity for study of social and economic and religious conditions and duties connected therewith, especially from a Christian point of view." The income is used toward the expenses of Summer Schools for Religious Study, which have been held at Haverford and Swarthmore Colleges from time to time, and also for religious education under Friends' care.

On Fifth Month 16, 1930, the Managers adopted the following amendment, made at the suggestion of the donor, now revealed to be John Thompson Emlen, 1900: "If, however, it shall in the course of time be deemed advisable by the President and the Managers that the income of this fund can be used more profitably by the College for other purposes than those herewith stated, it is my desire that they shall act in accordance with their judgment." Present book value, \$9,227.07.

SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded in 1913 by gift of \$2,000 par value of bonds, book value, \$1,200, from John L. Scull, '05. Present book value, \$2,296.88. The income only to be used to establish two prizes of \$50 and \$45 annually to the two students in the graduating class showing the most marked and steady improvement in scholarship during their college course.

ELIZABETH P. SMITH FUND

Founded in 1915 by bequest of \$1,000 from Elizabeth P. Smith. Present book value, \$1,727.00. The income only to be used as a prize for the best essays on Peace written by students of the College.

S. P. LIPPINCOTT HISTORY PRIZE FUND

Founded in 1917 by gift of \$2,500 par value of bonds, book value, \$2,546.88, from beneficiary of the estate of S. P. Lippincott, '86. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize." The award is to be made on the basis of a competitive essay. In any year when no award is made, the income is to be used for the purchase of library books in the field of the unawarded prize. Present book value, \$2,546.88.

FRANCIS STOKES FUND

Founded in 1919 by gift of \$5,000 in securities, book value, \$5,000, from Francis J. Stokes, '94, in memory of his father, Francis Stokes, of the Class of 1852, and a Manager of Haverford from 1885 until his death in 1916. The income is to be used for extending the planting of trees and shrubs on the College grounds. The wish is expressed, but not as a binding condition of the gift, that the Campus Club should have the direction of the expenditure of this income. Present book value, \$5,120.30.

GEORGE PEIRCE PRIZE FUND

Founded in 1919 by gift of \$600, and increased in 1920 by further gift of \$400 from Harold and Charlotte C. Peirce in memory of their deceased son, George Peirce, '03. Present book value, \$3,071.60. The income only is to be used for a prize, to be called the George Peirce Prize in Chemistry or Mathematics, to the student who, in the opinion of the Faculty, has shown marked proficiency in either or in both of these studies and who wishes to follow a profession which calls for such preparation. Unused income is capitalized, as requested by the founders of the fund. Present book value, \$3,861.98.

LYMAN BEECHER HALL PRIZE FUND

Founded in 1924 by donation of securities of par value, \$2,000, book value, \$1,820, from the Class of 1898 in commemoration of their 25th anniversary of graduation to establish an annual prize of \$100 in Chemistry in honor of Doctor Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917. Present book value, \$2,155.00.

NEWTON PRIZE FUND

Founded in 1925 by donation of five shares of General Electric Co. stock by A. Edward Newton, par value, \$500, and book value, \$1,348.25. The income only is to be used for "The Newton Prize in English Literature to the undergraduate who shall submit the best essay on some subject connected with English literature." In 1930, the award was changed to be on the basis of Final Honors, and in any year when no award is made the income is to be used for the purchase of library books in the field of the unawarded prize. Present book value, \$1,397.75.

EDWARD B. CONKLIN ATHLETIC FUND

Founded in 1925 and added to in 1926, 1927 and 1929 by Frank H. Conklin, '95, in memory of his brother, Edward B. Conklin, '99. Present book value, \$2,400.00. The income is to be used without restriction in any branch of athletics.

ARBORETUM FUND

Founded in 1928 by setting aside \$5,000 from proceeds from sale of 5.811 acres of land on the southern boundary and southeast corner of the College farm. Until otherwise ordered by the Managers, the fund is to be invested and

the income only is to be used under the direction of the Campus Club for trees and shrubs upon the College grounds, or for their care, or for other similar purposes. Addition in 1951 (through 1949 campaign) of \$4,775 by Edward Wortman. Present book value, \$9,362.75.

WILLIAM ELLIS SCULL PRIZE FUND

Founded in 1929 by William Ellis Scull, '83, by a gift of \$2,000. The income is to be used annually, so long as the Managers may judge expedient, as a prize to be awarded at Commencement by the Faculty to that upper classman who in their judgment shall have shown the greatest improvement in voice and the articulation of the English Language. The prize is to be known as "The William Ellis Scull Prize." Present book value, \$2,000.00.

PAUL D. I. MAIER FUND

Founded Tenth Month 7, 1936, by bequest of \$1,000 from Paul D. I. Maier, '96, of Bryn Mawr, Pa. The bequest provides for the continuance of the Class of 1896 Prizes of \$10 each in Latin and Mathematics, and any balance of income is to be used for general purposes. Present book value, \$1,000.00.

STRAWBRIDGE OBSERVATORY MAINTENANCE FUND

Founded Second Month 13, 1937, from donations of \$5,627.37 from members of the Strawbridge family, being the amount in excess of the actual cost of the rebuilding and reequipping of the William J. Strawbridge, '94. Memorial Astronomical Observatory. The income is used for the maintenance and equipment of the observatory. The principal can be used for additional equipment, if so determined by the Board of Managers. In 1938 and 1939 an astrographic camera was so purchased at a cost of \$1,787.83. Present book value, \$3,839.54.

C. WHARTON STORK ART FUND

In First Month, 1930, C. Wharton Stork, of Class of 1902, donated to the Corporation securities of a then value of \$69,000 on account of a contemplated gift for the purpose of erecting, equipping, and furnishing an Art Museum at the College. Purchases were made by C. Wharton Stork of paintings, which are hung in the Library. This fund is to be liquidated and is not included in the total of the funds.

JACOB AND ENGENIE BUCKY MEMORIAL FOUNDATION

Founded Sixth Month 4, 1942 by gift of \$2,000.00 from Colonial Trust Company of New York and Solomon L. Fridenberg of Philadelphia, co-trustees under the will of Eugenie Bucky, deceased (late of New York), the income only to be used. At the same time accumulated income of \$2,000.00 was also donated as Bucky Foundation Gift, this amount to be available for use for the same purposes as the income of the Foundation. Extracts from Mrs. Bucky's will and codicils in reference to the purposes of the Bucky Foundation are here made as follows:

"The purpose or object of such a Foundation or Fund is and shall be for the encouragement of them who seek new truths, and who endeavor to free and clear from mystery and confusion our knowledge concerning God¹; and thereby to enforce more effectively the common laws of mutual love and obligation, peace and goodwill, between and among our several creeds, races, nations, and markets.²

"My aim, intention, purpose and object is to help in promoting piety among men, enlightening their ignorance and bettering their condition, by making more and more extensive and by spreading among the public at large not only the preaching but also the practicing of the words of the . . . American motto 'In

God We Trust,' and of the . . . Preamble to the Constitution for the United States of America. I believe and therefore I aim, intend and purpose that the uplifting of men, women and children to the standard of life taught in the Scriptures and the Constitution for the United States of America is indeed the work of Charity, dispels ignorance, inculcates generous and patriotic sentiments, and fits the public groups and the individual men or women for their good usefulness in the American Commonwealth."

1. Associated with the American motto "In God We Trust."

2. Associated with the Preamble of the Constitution for the United States of America—"to form a more perfect union, establish justice, insure domestic tranquility, provide the common defense, promote the public welfare, and secure the blessings of liberty to ourselves and our posterity."

In 1945-1946 and 1954-1955 further gifts from the Trustees were added to the fund. Unused income, if any, has also been capitalized. Present book value, \$6,742.20.

MATHEMATICS DEPARTMENT PRIZE FUND

Founded May 20, 1943 from gifts totaling \$900.00 of members of the Mathematics faculty and others. A further gift of \$125 was made in 1943-44. The unused income is added to principal. This capitalized the annual prizes that had been given by the Mathematics professors for many years.

The Mathematics Department Prizes for freshmen, \$25.00, are awarded annually, in competition, by examination. Present book value, \$1,567.62.

WILLIAM T. ELKINTON FUND

Founded Ninth Month 6, 1944, by bequest from William T. Elkinton, of Philadelphia, arising from a Trust set up by him during his lifetime. The principal was \$2,491.50 and income received, \$11.11, a total of \$2,502.61. After the death of a life beneficiary, the Trust provided: "to pay over, assign and transfer one of said equal parts unto the Corporation of Haverford College (a corporation of the State of Pennsylvania); the principal fund thus passing to said Corporation to constitute a part of such endowment as may be established at Haverford College as a fitting memorial of Friends' relief work abroad, which memorial 'should foster the peaceful relations of the United States with foreign countries by acquainting our youth with the principles of European governments and with international problems'; provided however, that if no such Endowment should be established at Haverford College prior to the expiration of one year after the principal of the Fund hereby conveyed becomes distributable under the provisions of this deed, the said one-third part of the fund hereby conveyed shall be devoted by the Corporation of Haverford College for such other purpose as the Trustees acting hereunder, their survivor or successor, shall designate, preferably for the furtherance of education in some form at Haverford College or for providing assistance in the form of scholarships to promote education."

In accordance with a suggestion from President Morley, concurred in by Thomas W. Elkinton representing the Trustees, the Managers voted on Ninth Month 22, 1944, that "the income until otherwise directed, is to be used for traveling and other expenses in the attendance at intercollegiate conferences for discussion of international problems by representatives of the International Relations Club at Haverford." The Trustee further stated "as long as the activities of the Club are closely related to 'acquainting our youth with the principles of European governments and with international problems,' the use of the income by the Club would be satisfactory."

TILNEY MEMORIAL FUND

Founded in First Month, 1945, by gifts totaling \$2,000 by I. Sheldon Tilney, 1903, in memory of his parents, John S. and Georgiana E. Tilney. The income is to be used "to try to influence the student body towards a more religious viewpoint of life." Permission was also granted by the donor that "the income may be used also in connection with a scholarship for students in the field of Philosophy or Biblical Literature."

In 1945-1946 the fund was increased to \$5,000, by gifts of \$1,000 from Georgiana S. Kirkbride and \$2,000 from Robert W. Tilney, sister and brother of I. Sheldon Tilney. In 1948-49 a further gift of \$250 was received from I. Sheldon Tilney. In 1949-50 a further gift of \$1,000 and in 1952-53 \$500 was received from I. Sheldon Tilney. Present book value, \$7,000.

CLASS OF 1902 LATIN PRIZE FUND

Founded Second Month 2, 1945, by gift from Class of 1902 of \$142.90, being proceeds of sale of security formerly purchased and held by the Class to perpetuate a Latin Prize of \$10 annually at Haverford. The Class had donated the income for this prize since 1913. An unused balance of \$39.00 of such donations was transferred to the income account of this fund.

CLASS OF 1898 GIFT

Founded Sixth Month 12, 1948, by contributions totaling \$6,100 from members of the Class of 1898 as a 50th Anniversary Gift of their graduation. The conditions of the gift were "For a period of 25 years the income only produced by the fund is to be used to pay the expenses of lectures at the College by qualified persons on such subjects and at such times as the President of the College, with the advice of the Faculty, may think best, including at the discretion of the President, conferences between the lecturers and the students. After August 31, 1973, the income and/or principal of the fund, may, at the discretion of the Board of Managers, be used for any purpose in connection with the College." Present book value is \$6,315.00.

EDMUND J. LEE MEMORIAL AWARD FUND

Founded Eighth Month 31, 1948, by donations totaling \$906.50 from members of the Class of 1943 on the occasion of their Fifth Reunion. The Class desired "to perpetuate the memory of Edmund Jennings Lee, 2nd, its sole member killed in the past war, and to stimulate in the College that spirit of service for which he was known. In 1948-1949 a further gift of \$100 was received from Miss Mildred W. Lee, sister of Edmund J. Lee.

"The proceeds from the invested fund shall be used to establish an annual award to be known as the Edmund J. Lee Memorial Award to be awarded annually beginning in 1949, to the recognized undergraduate organization which has contributed most toward the furtherance of academic pursuits, extra-curricular activities, spiritual growth, or college spirit, in individuals or in the College as a whole during the year. The Award is to be used by its recipient in continuing to render such service."

THE DAVID R. BOWEN PREMEDICAL FUND

Established in 1950 by the family and friends of the late Dr. David R. Bowen, who, regretting a definite lack in his own training, believed strongly that men preparing to be physicians should receive a basic liberal education of the kind offered at Haverford College. The income is to be used at the discretion of the President of Haverford College, to purchase books for the use of premedical students, pay for professional magazine subscriptions, for lecturers, or for any other projects closely related to premedical training. Further gifts have been made yearly to the fund. Present book value, \$852.55.

JONATHAN & RACHEL COPE EVANS FUND

"Founded in 1952, through gifts to the 1949 Campaign by the children and grandchildren of Jonathan and Rachel Cope Evans. The principal is to be invested and the income used one-half for scholarships and one-half for the purposes of the Rufus M. Jones Fund for Advancement of Teaching. If, however, at the expiration of twenty-five years the Board of Managers deems it advisable to use the income, or if necessary the principal, of the Fund for other purposes, it shall be free to do so." A further gift was made in 1952-53 of \$500. Present book value is \$14,043.62.

EDWARD HAWKINS MEMORIAL FUND

Established in 1953 by a gift to the College from the Class of 1937. The Fund is given in memory of Edward Hawkins, a member of that class.

The income to be used for the purchase of equipment required for intramural athletics. If such becomes impracticable, the income is to be used as directed by the Managers. Present book value is \$1,457.44.

WILLIAM W. BAKER PRIZE FUND

"Founded in 1954 by bequest of \$500.00 from Mertie Gay Baker, who died January 31st, 1954, the fund is to be invested and the income given as a prize in the study of Greek. If the study of Greek at the said College should be discontinued, I direct that the income be given as a prize for the study of Latin and should the study of Latin be discontinued, I direct that the income be used as a prize in the study of Ancient History or Biblical Literature."

FUNDS WITHDRAWN

The following funds left to the college with no restrictions, have been wholly consumed to meet in part the Corporations' share of the Building Program of 1953-1956:

Ellen Waln Fund
Henry Norris Fund
Clarence W. Bankard Fund
Mary Brown Fund
Emma Ridgway Comly Fund
Mary K. Comly Fund
Charles J. Rhoads



STATED MEETINGS OF THE CORPORATION AND THE MANAGERS

The Annual Meeting of "The Corporation of Haverford College" is held in Tenth Month at such time and place as the Board of Managers may determine.

The Stated Meetings of the Managers for 1953-54 will be held on the third Sixth-day of First, Third, Fifth, Ninth and Eleventh months.

LEGACIES

The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

FORM OF BEQUEST OF PERSONAL PROPERTY

I give and bequeath, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, the
sum ofDollars.

FORM OF DEVISE OF REAL ESTATE

I give and devise, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, its Successors and Assigns, in fee, the following described real estates:
(Here describe the real estate.)



HAVERFORD COLLEGE BULLETIN



Directory, 1957-1958

VOLUME LVI

NUMBER FOUR

April, 1958

HAVERFORD COLLEGE was founded in 1833 as the first college established by members of the Society of Friends in the United States. Wherever the first Quaker settlers set up their meetings for worship, they also opened schools, but because Friends have no ordained ministry or priesthood set apart from secular life, they made in the beginning no provision for institutions of higher learning. With the expansion of science and learning in the early nineteenth century, however, the need for advanced training was felt by the Friends as it was by the many other religious groups in America which founded colleges in that era. A tragic separation in American Quakerism in 1827-28 brought this need sharply to the attention of certain leaders of the "Orthodox" Quaker body in Philadelphia and New York. They organized Haverford, therefore, as an institution which would provide an "enlarged and liberal system of instruction" to meet the intellectual needs of "Friends on this continent," offering a course of instruction in science, mathematics, and classical languages "as extensive as given in any literary institution in this country." In religion, morals, and manners, the students who attended Haverford were, in the Quaker phrase of the day, to receive a "guarded" education, but their training was to be "equal in all respects to that which can be obtained in colleges." Haverford College in those days was modestly called Haverford School, but the intent was clear to create an intellectual center that would give to Friends the kind of education which other young Americans were receiving in the best colleges.

The choice of the site of Haverford College exercised its founders for three years; it was settled by the purchase of 198 acres of rolling farmland in the center of the Welsh Tract, a large area originally set apart by William Penn for Quaker immigrants from Wales. The region still bears the native place-names of its settlers, of which Haverford is one. The site was propitious. Today the College campus (increased to 216 acres) is a beautiful area of fields and woodlands, although the Philadelphia suburbs have spread out along the Main Line to Haverford and beyond. What had been fields grew into a graceful sweep of lawns, distinguished by trees and by planting reminiscent of an English garden. This was the contribution of William Carvill, an English landscape gardener whose careful planting gave Haverford a campus of great charm.

During the first forty years of the College's existence, Founders Hall, the original building, Alumni Hall, which is now incorporated in the Library, and an Astronomical Observatory comprised the major part of the physical plant. Throughout this era Haverford men were proving by their effectiveness in their communities the soundness of the

principles on which the College had been founded. In 1847 Haverford opened its doors to young men who were not members of the Society of Friends, and in 1856 it became a degree-granting institution, with a tradition of high scholarship which has continued unshaken. At the same time it has adhered to its Quaker traditions of simplicity of living and enlightened interest in social issues.

An era of progress began in 1874 under the presidency of Thomas Chase. He and his brother, Professor Pliny Earle Chase, brought the institution to full academic stature, and strengthened its endowment. In this period a number of new buildings were erected, notably Barclay Hall, which, as the principal dormitory, became the center of student life.

President Isaac Sharpless, 1887-1917, led Haverford College into the forefront of American collegiate institutions. His many-sided genius enabled him to gather and hold together a faculty of extraordinary capacity. In his regime, and the years immediately following, modern dormitories and classrooms, well-equipped laboratories for Chemistry, Physics, Biology, and Engineering were added to the growing assembly of buildings. The Gymnasium was erected in 1900; Roberts Hall, containing administrative offices and a large auditorium, in 1903. The Haverford Union, used for many College activities, dates from 1910; the Morris Infirmary from 1912. A modern Observatory was built in 1933, and a modern addition to the Library was completed in 1941.

As the College enrollment has grown in recent years, the need for residences in which men of like tastes and interests might have more intimate associations has been met by the establishment of a Spanish House and a French House, each with a resident director. In these specialized student residences the occupants have the advantages of group life without social discrimination of a fraternity system.

The original fund of \$60,000 raised when the College was started has been increased by generous bequests and donations to more than \$8,300,000. This endowment enables the College to maintain a superior faculty of unusual size in proportion to the number of students. Student enrollment is limited in order that teaching may continue on the basis of personal acquaintance in a unified community, as it has throughout the history of Haverford College.

Haverford Station on the Pennsylvania Railroad, between Bryn Mawr and Ardmore, is twenty minutes from downtown Philadelphia. The campus fronts on the famous Lancaster Pike (U. S. 30). It is approximately two hours train journey from Haverford to New York or Baltimore and less than three hours to Washington. Philadelphia's Orchestra, its museums and libraries, its scientific laboratories and industrial plants are all easily accessible to Haverford students, who can make full use of the cultural opportunities of a city while enjoying the beauty of a college campus in a quiet suburban setting.

1957

	S	M	T	W	T	F	S		S	M	T	W	T	F	S	
Sept.	1	2	3	4	5	6	7	Nov.						1	2	
	8	9	10	11	12	13	14		3	4	5	6	7	8	9	
	15	16	17	18	19	20	21		10	11	12	13	14	15	16	
	22	23	24	25	26	27	28		17	18	19	20	21	22	23	
	29	30							24	25	26	27	28	29	30	
Oct.				1	2	3	4	5	Dec.	1	2	3	4	5	6	7
	6	7	8	9	10	11	12	8		9	10	11	12	13	14	
	13	14	15	16	17	18	19	15		16	17	18	19	20	21	
	20	21	22	23	24	25	26	22		23	24	25	26	27	28	
	27	28	29	30	31			29		30	31					

1958

	S	M	T	W	T	F	S		S	M	T	W	T	F	S
Jan.				1	2	3	4	Apr.			1	2	3	4	5
	5	6	7	8	9	10	11		6	7	8	9	10	11	12
	12	13	14	15	16	17	18		13	14	15	16	17	18	19
	19	20	21	22	23	24	25		20	21	22	23	24	25	26
	26	27	28	29	30	31			27	28	29	30			
Feb.							1	May					1	2	3
	2	3	4	5	6	7	8		4	5	6	7	8	9	10
	9	10	11	12	13	14	15		11	12	13	14	15	16	17
	16	17	18	19	20	21	22		18	19	20	21	22	23	24
	23	24	25	26	27	28			25	26	27	28	29	30	31
March							1	June	1	2	3	4	5	6	7
	2	3	4	5	6	7	8		8	9	10	11	12	13	14
	9	10	11	12	13	14	15		15	16	17	18	19	20	21
	16	17	18	19	20	21	22		22	23	24	25	26	27	28
	23	24	25	26	27	28	29		29	30					
	30	31													

College days in heavy-face type.

Calendar

1957-1958

New students arrive	Sept. 19
Registration of all new students	Sept. 23-24
Returning students arrive	Sept. 23
Beginning of College year with Collection 9 A.M.	Sept. 25
Registration of returning students to be filed 4 P.M.	Sept. 25
First semester classes begin 8 A.M.	Sept. 26
Thanksgiving vacation begins 1 P.M.	Nov. 27
ends 8 A.M.	Dec. 2
Registration (Spring Term)	Dec. 10, 11, 12
Christmas vacation begins 4 P.M.	Dec. 18
ends 8 A.M.	Jan. 3
First semester classes end, 4 P.M.	Jan. 16
All papers assigned must be turned in by 4 P.M.*	
Mid-year examinations (dates inclusive) **	Jan. 20-Feb. 1
Second semester classes begin 8 A.M.	Feb. 3
Applications for Fellowships for the following year must be filed by	Mar. 1
Spring vacation begins noon	Mar. 29
ends 8 A.M.	Apr. 8
Applications for Scholarships must be filed by	Apr. 15
Major registration cards for men in the fourth term must be filed by 4 P.M.	Apr. 16
Registration (Fall Term)	Apr. 29, 30, May 1
Manuscripts in competition for prizes must be filed in the Registrar's Office by 4 P.M.	May 1
Second semester classes end 12 noon	May 17
All papers assigned must be turned in by 4 P.M.*	
Senior Comprehensive Examinations (dates inclusive)	May 19-22
Final examinations (dates inclusive) **	May 22-June 4
Commencement	June 6

*If a paper is assigned in place of the final examination in a course the date by which it is due may be set by the instructor not later than 4 P.M. on Tuesday of the final week of the examination period, or for seniors in their final semester, noon on Monday of that week. Late papers will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean.

**Laboratory notebooks must be turned in not later than the scheduled time of the examination in the course. Late notebooks will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean. In courses which have no scheduled examination, notebooks must be turned in by 4 P.M. on Tuesday of the final week of the examination period.

HAVERFORD COLLEGE

Campus Activities Calendar 1957 - 1958

September

- 19-23 Freshman Orientation
- 23-24 Registration all new students
- 25 Beginning College year, Collection
- Registration of returning students
- 26 First Semester Classes begin
- 28 Freshmen Mixer BMC

October

- 4 Cross Country - Home
- 5 Football - Wagner - away
- 9 Soccer - Princeton - home
- 11 Cross Country - Albright - home
- 11-12 Freshman Hall Plays at Bryn Mawr
- 12 Football - Wesleyan - home
- Soccer - F & M - away
- Sophomore Dance
- 16 Cross Country - PMC, away
- 19 Inauguration of Pres. Hugh Borton
- Homecoming Day
- Junior Show at Bryn Mawr and
- Junior Prom at Bryn Mawr
- Football - Johns Hopkins, home;
- Soccer - Rutgers, home
- 23 Soccer - Pennsylvania, away
- 25 Lantern Night at Bryn Mawr
- Cross Country - Lafayette, home
- 26 Football - Hamilton, away
- Soccer - Lehigh, away
- 30 Cross Country - Lehigh, away

November

- 1-2 Glee Club Concert with Phila.
- Orchestra, Phila.
- 2 Football - (open)
- Soccer - Ursinus, home
- 6 Cross Country - Delaware, away
- Soccer - Navy, away
- 9 Cross Country - Muhlenberg, home
- Football - Ursinus, away
- Soccer - Temple, home
- 14 Selective Service Test
- 15-16 Drama Club with Bryn Mawr,
- Beggar's Opera, here
- 16 Football - Susquehanna, home
- Soccer - LaSalle, home
- Cross Country - Swarthmore, away
- 22 Cross Country MASCAC, Away
- 23 Varsity Club Dance
- Football & Soccer - Swarthmore,
- away

November - December

- 27-2 Thanksgiving vacation
- 4 Basketball - Pharmacy, home
- 6 Basketball - Navy, home
- 7 Glee Club (Freshmen) Wilson College
- Basketball - F & M, home
- 10-11
- & 12 Registration (Spring Term)

- 11 Basketball - Rutgers, away
- 14 Basketball - Johns Hopkins, away
- Wrestling - Lafayette, home
- 16 Christmas Collection and Party
- 18 Wrestling - PMC, home

December - January

- 18-3 Christmas Vacation

January

- 8 Basketball - Delaware, away
- Fencing - Rutgers, (Newark), home
- 11 Basketball, Ursinus, away
- Fencing - Rutgers, (New Brunswick),
- home
- Wrestling - Ursinus, home
- 14 Wrestling - Delaware, away
- 15 Basketball - Drexel, home
- Fencing - Princeton, away
- 16 First semester classes end
- 18 Grad. Record Exam

January - February

- 20-1 Mid-year examinations

February

- 3 Second Semester classes begin
- 5 Basketball - PMC, home;
- Fencing - Lehigh, away
- 7 Wrestling - Drexel, home
- 8 Basketball - Delaware, home;
- Fencing - Drew, home
- 11 Wrestling - Muhlenberg, away
- 12 Basketball - Ursinus, home
- Fencing - Muhlenberg, home
- 15 Fencing - Temple, home
- Wrestling - Bucknell, away
- Freshman Show at Bryn Mawr;
- Law School Admission Test
- Basketball - Swarthmore, away
- 19 Basketball - Drew, away
- Wrestling - Moravian, away
- 22 Basketball - PMC, away
- Wrestling - Swarthmore, home;
- Fencing - Johns Hopkins, away
- Orchestra and Chorus Concert at
- Haverford
- 26 Basketball - Drexel, away
- Fencing - Stevens, home

February - March

- 28-1 Wrestling-MASCWA, away

March

- 1 Applications for Cope Fellowships must
- be filed with the President
- Fencing - MAFA, away
- Basketball - Swarthmore, home
- Class Athletic Day
- 6-7 Class Night

Campus Activities Calendar 1957 - 1958 (Continued)

March		26	Tennis - Ursinus, home; Baseball - Temple, away
8	Junior Prom		Senior Dance
15	Glee Club - Concert	29	Golf - Lehigh, home
18	Student's Association Primary Election	30	Baseball - St. Joseph, home; Tennis - Drexel, home
25	Student's Association election of officers		
29	Tennis - Navy, away		
		April - May	
		29-1	Registration for Fall Term
March - April		May	
29-8	Spring Vacation	1	Manuscripts for Morris & Smith Peace Essay & Lippincott History Essay Prize must be filed with the Registrar
30	Tennis - Cuantico	2	Golf - West Chester, away
31	Tennis - Wm. & Mary	3	Medical College Admission Test
April			Track & Tennis, Swarthmore, home; Baseball - Swarthmore, away
1	Tennis - Virginia		Varsity Club picnic - 4:30 - 8:00
9	Baseball - PMC, home; Tennis - F & M, home; Golf - Lafayette, away	6	Tennis - Lafayette, away
11	Golf - St. Joseph, away	7	Golf - Drexel, home
12	Glee Club Concert		Track - Albright & Gettysburg, away; Baseball - Ursinus, away
	Baseball - Moravian, home; Tennis - Lehigh, away	10	Baseball - St. Joseph, away
14	Tennis - Pennsylvania, away	8-9-10	Middle Atlantic - Tennis here, Golf & Track, away. Cricket, here
15	Applications for scholarships must be filed	9-10	Drama Club with Bryn Mawr at Haverford
16	Deadline for Major Registration of men in fourth term		Baseball - St. Joseph, away
	Track - Lafayette, away	13	Golf - Pennsylvania, away
	Baseball - PMC, away	14	Baseball - Rutgers, away; Tennis - St. Joseph, home
	Golf - Temple, home	16	Golf - Swarthmore, away;
	Tennis - Rutgers, away		Baseball - LaSalle, away
18	Golf - LaSalle, home	17	Second Semester Classes end; Baseball - Nat'l. Agri., home; Tennis Temple, home
	Baseball - Drexel, away; Tennis - Moravian, home; Track - Ursinus, home	19-22	Senior Comprehensive Examinations
22	Golf - Delaware, home		
23	Baseball - Ursinus, home; Track - PMC, home;	May - June	
	Tennis - LaSalle, home	22-4	Final Examinations
25	Golf - Moravian, away	4	ØBK Annual meeting 5:30
25-26	Track - Penn Relays, away	6	Commencement

Those responsible for the scheduling of extra-curricular events which make use of college facilities, or of events off-campus at which a group of students represents the college, shall notify the chairman of the Student Affairs Committee of the date in advance of the event.

ACADEMIC YEAR 1957 - 1958

DIRECTORY

FACULTY AND STAFF

Name	Residence Haverford, unless otherwise noted	Telephone Midway, unless otherwise noted	Office
(B.M. Bryn Mawr, H.C. Haverford College)			
Ackerman, Dorothy	629 Haydock Lane	2-9823	Development
Ambler, William W.	212 W. Wayne Ave. Wayne	MU 8-1490	Admissions
Andrews, Florence N.	26 Pine Valley Rd. Broomall	EL 6-1280	Dean's Office
Archfield, Dorothy B.	670 Woodcrest Ave., Ardmore	2-4728	Telephone Exchange
Asensio, Manuel J.	500 Oakley Road	2-4163	Williams House
Ashmead, John Jr.	9 College Lane	2-5173	Library 49
Axelsson, Pauline	610 Ardmore Avenue	2-8057	Math. Office
Benham, Thomas A.	5 College Lane	2-6044	Sharpless 101
Bernheimer, Richard M.	225 N. Roberts Road, B.M.	LA 5-8064	Bryn Mawr College
Betts, Raymond F.	453 E. Eagle Rd., Havertown	SU 9-8294	Bryn Mawr College
Borton, Hugh	1 College Circle	2-5561	President
Bramall, Norman B.	260 Margate Rd. Upper Darby	CL 9-4304	Gymnasium
Bramall, Raymond	554 Broadview Road, Beverly Hills	FL 2-5581	Gymnasium
Butman, Robert H.	1 College Lane 3d fl.	9-9002	Whitall 28
Cadbury, Henry J.	774 Millbrook Lane	2-1739	Library 51
Cadbury, William E. Jr.	791 College Avenue	2-0203	Dean
Carr, Edytha M.	154 W. Eagle Road, Havertown	HI 6-9562	Registrar
Carter, Katharine M.	2 College Lane, 3rd fl.	9-2900	President's Office
Cary, John R.	627 Walnut Lane	2-3203	Whitall 27
Caselli, Aldo	6 College Circle	2-5562	Business Manager
Coelho, George V.	8 College Lane	2-6429	Sharpless 306
Comfort, Forrest D.	108 Chestnut Ave. Narberth	MO 4-3717	Roberts, 1st fl.
Comfort, Howard	901 Rock Creek Rd. B. M.	LA 5-4578	Sharpless 301
Conner, Robert L.	227 N. Roberts Rd. B. M.	LA 5-3539	Sharpless 209
Cooper, Bennett S.	4 College Lane	2-6724	Alumni Secretary
Cotterill, Lydia	328 Grays Lane	2-8142	Library Staff
Craig, Mae E.	5011 Bond Ave. Drexel Hill	SU 9-6876	Library Staff
Curran, Marilyn	2731 Oakford Rd., Ardmore	9-1328	Development
Curtis, Jean-Louis	c/o Mrs. H.S. Shaw County Line Road	2-2436	Library 39
deGraaff, Frances	The Low Buildings, B.M.C.	LA 5-1000	Bryn Mawr College
Docherty, Patricia	5 Williams Road	LA 5-6335	Bookstore, Union
Docherty, William J.	5 Williams Road	LA 5-6335	Gymnasium
Donovan, Janet L.	237 Signal Rd. Drexel Hill	HI 7-1601	Business
***Drake, Thomas E.	contact Miss Hewitt		Library, Treas. Rm.
Dunathan, Harmon C.	2D Apt., 10 Railroad Ave.	2-0770	Chem. Lab. 15
Duttenhofer, Franklin H.	7224 Hilltop Rd. Upper Darby	FL 2-2110	Hilles, 2nd fl.
Ely, Daniel B.	103 Dudley Ave., Narberth	MO 4-8227	Coop Union
Finger, Irving	3-D, 10 Railroad Ave.	2-4723	Sharpless 207
Flight, John W.	791 College Avenue	9-1668	Sharpless 304
Foss, Martin	1A College Lane	2-1599	Library 48
Foster, Catherine S.	2008 Laurel Rd. Havertown	HI 6-2645	Registrar's Office
Friedrich, Gerhard G.	3 College Lane	2-7414	Library 50
Goldberger, Else	Orchard House, Cedar Grove Road, Media	EL 6-3927	Library Staff
Gordon, R. Henri	224 Dorset Rd., Devon	MU 8-2970	Gymnasium
Gove, Betty Anna	664 Woodcrest Ave., Ardmore	2-6777	Business
Green, Elizabeth U.	791 College Avenue	9-0265	Sharpless 209
Green, Louis C.	791 College Avenue	9-0265	Observatory

<u>Name</u>	<u>Residence</u> <u>Haverford, unless</u> <u>otherwise noted</u>	<u>Telephone</u> <u>Midway, unless</u> <u>otherwise noted</u>	<u>Office</u>
(B.M. Bryn Mawr, H.C. Haverford College)			
Gutwirth, Marcel M.	Featherbed Lane, H.C.	9-2266	Library 44
Haddleton, Alfred W.	29 Tenmore Road	LA 5-1235	
Hargraves, Mildred	207 Poplar Ave., Devon		Faculty Secretary
Harper, Edward	211 Winsor Lane, Haverford	MI 2-8247	Whitall 28
Harter, Gerald S.	2511 Grand Ave. Holmes	LE 2-1394	Gymnasium
*** Haviland, H. Field Jr.	3405 Ashley Terrace N.W. Washington, D. C.		
*** Heath, Douglas H.	2831 Pittsfield Blvd., Ann Arbor, Mich.		
Hetzel, Theodore B.	768 College Ave.	2-4393	Hilles, 2nd fl.
Hewitt, Anna B.	245 S. 38th St. Phila. 4	EV 6-4946	Library, Treas. Rm.
Hiscott, Margaret E.	335 Overhill Rd., Wayne	MU 8-4033	Gymnasium
Holmes, Clayton W.	2 College Circle	9-9651	Hilles, 1st fl.
Hunter, Holland	Woodside Cottage, H.C.	9-2780	Whitall 21
Hyslop, Constance	516 Panmure Road	2-7395	Library Staff
Janschka, Fritz	Wyndham Studio, Merion Ave. B.M.	LA 5-2544	Bryn Mawr College
Kelly, J. Wallace	27 S. Wyoming Ave., Ardmore	9-0428	
Kelly, John A.	2-B, 10 Railroad Ave.	9-9412	
Kipping, Margery P.	1-A, 30 Hannum Dr., Ardmore	2-5070	Alumni Office
Krasauskas, Marija K.	7 College Lane	9-1485	Library Staff
Kratz, Bertha	696 W. Johnson St. Phila.	VI 3-9379	Infirmary
Lander, Dr. Wm. W.	201 Broughton Lane, Villanova	LA 5-4363	Infirmary
Lemonick, Aaron	7 College Lane	9-1485	Sharpless 104
Lester, John A. Jr.	5 College Circle	MI 2-6310	Library, 1st fl
Leute, George M. Jr.	325 Wayne Ave. Drexel Hill Pl.	CL 9-3406	Gymnasium
Lockwood, Dean P.	2 College Circle	9-9330	Library
Loewy, Ariel G.	#2 College Lane, 2nd fl.	2-0682	Sharpless 201
Lyons, Will	Apt. 2-A, 10 Railroad Ave.	2-9380	Whitall 24
MacCaffrey, Wallace T.	773 College Avenue	9-9875	Library 40
MacIntosh, Archibald	3 College Circle	2-0961	V.P. & Dir. of Admissions
MacKay, Colin F.	708 Argyle Rd., Wynnewood	9-1725	Chem Lab. 22
MacKinnon, Patricia R.	Lancaster Pike (P.O. Box 835) Devon	MU 8-4271	Public Relations
Mayer, Charles E.	Apt. 3-A, 10 Railroad Ave.	9-2898	Sharpless 308
Mays, Ruth	571 W. Lancaster Avenue	LA 5-5720	Housekeeper
Miller, Jos. B.R. Jr.	102 C. Thomas Drive, Monroe Park, Wilmington, Del.	OL 4-8984	Gymnasium
Mills, James	6712 Souder St., Phila. 24	PI 5-2036	Gymnasium
Morsch, Richard O.	217 Wickford Rd. Havertown	HI 6-2949	Gymnasium
Muller, Steven	1-D 10 Railroad Avenue	2-4896	Library 45
Nail, Virginia McK.	c/o T. Benham 5 College Lane	2-6044	Observatory
Newhall, Suzanne K.	164 Penna. Ave. Bryn Mawr	LA 5-3014	Library Staff
Nugent, Miriam R.	Founders Hall, H.C.	9-2746	Dietitian, Founders
Oakley, Cletus O.	Featherbed Lane, H.C.	9-9895	Founders 103
Ogden, Joap	c/o T. Benham 5 College Lane	2-6044	Library 48
Palmer, Frederic Jr.	1 College Lane	2-6878	
Parker, Francis H.	Featherbed Lane, H.C.	9-9896	Library 42
Pepinsky, Abraham	Spera Lane & Whitall Rd. Norristown	BR 5-7584	Roberts Hall
Perry, Charles	749 Polo Road, B.M.	LA 5-6031	Development
Pfund, Harry W.	624 Overhill Rd. Ardmore	2-5532	Whitall 22
Pickett, Clarence E.	510 Panmure Road	2-6872	
Post, L. Arnold	618 Walnut Lane	9-2932	Library 51
Price, Howard	1611 Robinson Ave. Havertown	HI 6-9306	Gymnasium
Prudente, Ernest	822 Wynnewood Rd. Ardmore	MI 2-2577	Gymnasium
Quinn, Francis J.	3-B, 10 Railroad Avenue	2-2748	Founders 305
Ralph, Esther	53 Village Way, Malvern	MA 2879-W	Library Staff
Randall, Roy E.	Coach House, H.C.	9-9845	Gymnasium
Rantz, J. Otto	2122 Chestnut Ave. Ardmore		
Reese, Ruth H.	205 Marlboro Rd. Ardmore	2-8788	Library Staff
Reese, William H.	3 College Lane, 1st fl.	9-9942	Music Rm. Union

<u>Name</u>	<u>Residence</u> <u>Haverford, unless</u> <u>otherwise noted</u>	<u>Telephone</u> <u>Midway, unless</u> <u>otherwise noted</u>	<u>Office</u>
(B.M. Bryn Mawr, H.C. Haverford College)			
Reid, Ira DeA.	2 College Lane	2-7764	Chase 3
Reid, Legh	10 Railroad Avenue		
Reitzel, William A.	747 College Avenue	9-1293	Chase 7
Rioboli, Rose R.	220 Delmont Ave., Ardmore	9-0847	Business
Rittenhouse, Leon H.	6 College Lane	2-5522	
Robbins, June R.	Buckwalter Rd. Phoenixville	WE 3-6227	Library Staff
Roberts, Jeanne S.	703 Beachwood Dr., Havertown	2-3799	Whitall 6
Rose, Edgar S.	500 Panmure Road	9-9089	Whitall 26
Santer, Melvin	3 College Lane	9-2423	Sharpless 206
Sargent, Ralph M.	4 College Circle	2-3339	Whitall 21
Satterthwaite, Alfred	616 Walnut Lane	2-2535	Library 43
Schellenger, Martha W.	54 Briar Rd. Strafford	MU 8-4226	Library Staff
Scott, Andrew M.	765 College Avenue	9-9823	Founders 303
Scott, Anne	765 College Avenue	9-9823	Library, Treas. Rm.
Selove, Fay Ajzenberg	520 Brookview Lane, Havertown	HI 7-1288	Sharpless 108
Shaw, Michael	36 Railroad Ave. Apt. C	9-1645	Founders 306
Smith, John W.	14 Prospect Ave. B.M.	LA 5-5838	Library 38
Snyder, Edward D.	36 Railroad Avenue	2-0712	
Somers, Herman M.	521 Panmure Road	2-3827	Founders 108
* Steere, Douglas V.	739 College Avenue	2-0162	Library 41
Stefan, Marie	10M Wynnewood Park Apts. Wynnewood	9-0467	Business
Stellar, Eliot	Inst. of Neurological Sciences, U. of Pa.		Sharpless
Swan, Alfred	773 College Avenue	2-8374	Music Rm. Union
Teaf, Howard M. Jr.	2000 Old Gulph Rd. Villanova	LA 5-8029	Whitall 25
Tenaglio, Yolanda M.	118 Walnut Ave., Ardmore	9-9332	Business
Thompson, Eleanor A.	1633 Woodmere Way, Havertown	HI 6-5077	Admissions
Thorp, Elsa F.	2009 Belvedere Ave., Havertown	HI 6-7223	Business
Veatch, Henry B.	739 College Avenue	9-9409	Library 41
Vogelsburg, Jean	242 Kent Rd. Wynnewood	MI 9-9861	Bookstore
Walter, Robert I.	10 Railroad Ave. Apt. 3-C.	9-9258	Chem. Lab. 4
Watson, Frank D.	36 Railroad Ave.	9-1035	
Watson, Dr. Wm. R. Jr.	2 Cushman Rd., Rosemont	LA 5-0844	at residence
Weiss, Marie B.	24 S. Wyoming Ave.	2-9707	Kitchen
Wells, Amanda	312 Rockingham Rd. Rosemont	LA 5-7793	Development
Williams, Russell R. Jr.	715 College Avenue	2-5536	Chem. Lab. 10
Wilson, Albert H.	2-C, 10 Railroad Avenue	2-1853	
Wilson, Mary Lou S.	5313 Baynton St. Phila. 44	GL 5-2127	Sharpless 209
Wilson, Norman M.	23 Wellington Rd. Ardmore	2-4036	Hilles basement
Wisner, Robert J.	785 College Avenue	9-9080	Founders 105
Wonson, Gertrude M.	North House, New Gulph Rd. B.M.		Admissions
Woodroffe, Kenneth S.	c/o Mrs. H. Shaw, County Line Rd.	2-2436	Library 46
*** Wylie, Laurence W.	Chanzeaux, Maine-et-Loire, France		

*Indicates absence during first semester

**Indicates absence during second semester

***Indicates absence during whole academic year

OPERATIONS PERSONNEL

Skilled

E. W. Roberts

Garland Banks
Philip Daly
Vincenzo DiSanto
Arthur Kulp
Starling McCoury
Joseph Pezzetta
Charles N. Roberts
Joseph Sinclair
Edward Walsh

Grounds

Walter Volkert

William T. Alphin
Louis Coursey
Louis DiBerardino
Michael Diorio
Carmen Ianieri
Pasquale Labricciosa
Julius Latney
Perry McDaniel
Antonio Valente

Housekeeping

Ruth R. Mays

A. Grant Birkhead
Randolph Braxton
James B. Brinkley
Agathie Calvarese
Angelina Carlino
Augustino Carlino
Domenico Carlino
Charles Davis
Angelina DiBerardino
Johnnie Elliott
Tommasco Gagliardi
John House
Samuel Lake
Antonietta Piacere
Pasquali Rolli
John Savage
Otha Savage
James G. Tilghman
Walter Ward
Aaron Young

Dining Room

Miriam Nugent
Marie Weiss

Joseph Banks
Roy Bell
Robert Bell
Edward C. Byron
James Brame
Joseph Cato
Howard Childs
James Foster
John Latney

Lloyd Melton
William Merritt
Willie Newton
Hammett Puryear
James Reid
George Royal
Samuel Simpkins
Robert Waller
Dock Young

Steam Plant

Clifford Chapin

Coop

Daniel Ely

Location of Offices

President	--	Roberts Hall, 2nd floor
Vice President	--	Roberts Hall, 2nd floor
Admissions	--	Roberts Hall, 2nd floor
Alumni	--	Founders basement
Business	--	Whitall Bldg.
Dean	--	Roberts Hall, 1st floor
Development & Public Relations	--	Founders basement
Maintenance	--	Whitall Bldg.
Registrar	--	Roberts Hall, 1st floor

COLLEGE OFFICE AND BUILDING TELEPHONES

College offices as well as Faculty members may be reached by dialing Midway 9-9600, at any time between 9:00 a.m. and 5:00 p.m. on weekdays, and between 9:00 a.m. and 12:30 p.m. on Saturdays.

NIGHT LINES

When there is no operator on duty, use the following telephone numbers:

Midway 9-9600	Business Office. Maintenance and Operations Office
Midway 9-9601	Library; Registrar
Midway 9-9602	Chemistry Laboratory; Gymnasium
Midway 2-3133	Infirmary
Midway 2-7307	President's Office
Midway 2-5704	Admissions Office
Midway 2-0340	Public Relations Office
Midway 2-5588	Dietician

PAY STATIONS

Barclay Hall, First Floor	Midway 2-9459
Barclay Hall, Second Floor	Midway 9-9724
Barclay Hall, Third Floor	Midway 9-9717
Founders Hall, East	Midway 2-9460
Founders Hall, Dormitory	Midway 2-9533
French House	Midway 2-9544
Guest Room -32-	Midway 2-7098
Guest Room -24-	Midway 2-4714
Kitchen	Midway 2-9544
Leeds Hall, (Rooms 1 to 30)	Midway 2-9402
Leeds Hall, (Rooms 101 to 104)	Midway 2-9486
Leeds Hall, (Rooms 201 to 204)	Midway 2-9499
Lloyd Hall, 8th Entry	Midway 2-9540
Sharpless Bldg.	Midway 9-9747
Scull House, 521 Panmure Road	Midway 2-9516
Union	
Union	Midway 2-9514
Williams House, 500 Oakley Road	Midway 2-9428

STUDENTS IN THE COLLEGE

In the next to last column is given the number of the student's dormitory room:

B for Barclay
F for Founders Hall
FH for French House
Le for Leeds Hall

Ll for Lloyd Hall
SH for Scull House
WH for Williams House
YH for Yarnall House

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
	A		
ABRAMS, Robert	(Page 59)	209 B	_____
2723 Country Club Rd., Phila. 31, Pa.			
ACTON, Alfred	(Page 38)	104d Le	_____
Alden Rd., Bryn Athyn, Pa.			
ADAMS, Charles S.	(Page 38)	53 Ll	_____
25 Conant Drive, Concord, N. H.			
ADAMS, Gordon W.	(Page 59)	23 WH	_____
3031 Guilford St. Phila. 15, Pa.			
ADAMS, Jack R.	(Page 59)	311 B	_____
4545 Connecticut Ave. N.W. Washington, D.C.			
ADAMS, John F.	(Page 38)	56 Ll	<u>2-4117</u>
110 E. Fell St., Summit Hill, Pa.			
ADAMS, M. Ian	(Page 38)	31 WH	_____
417 West Price St., Phila. 44, Pa.			
AIKEN, Paul L.	(Page 38)	23 YH	_____
8700 Ventnor Ave., Margate City, N.J.			
ALBRIGHT, Randall L.	(Page 51)	11 Ll	<u>9-2554</u>
1222 Van Steffy Ave., Wyomissing, Pa.			
ALDERSON, Evan W.	(Page 51)	Day	_____
501 Oakley Rd., Haverford, Pa.			
ALEXANDER, Gregory G.	(Page 51)	14 Ll	_____
112 Highland Ave., Bala-Cynwyd, Pa.			
ALEXANDER, Henry J.	(Page 44)	218 B	_____
18 Edward St., Belmont, Mass.			
ALLEN, J. W. Linn	(Page 59)	315 B	_____
1357 E. 56th St., Chicago 37, Ill.			
ALLEN, Russel G. Jr.	(Page 51)	13 Ll	<u>9-2119</u>
136 Beach Bluff Ave., Swampscott, Mass.			
ALVING, Carl R.	(Page 59)	4 FH	_____
5600 S. Dorchester Ave., Chicago 37, Ill.			
ANDERSON, Marc B.	(Page 59)	213 B	_____
760 Lone Pine Rd., Bloomfield Hills, Michigan			
ANDREWS, Edson J., Jr.	(Page 59)	23 WH	_____
205 E. College Ave., Tallahassee, Florida			
ANDREWS, Willard E.	(Page 52)	22 Ll	_____
237 McElroy Ave., Palisade, N.J.			
ARMSTRONG, Alan W.	(Page 59)	309 B	_____
8117 Park Crest Drive, Silver Spring, Md.			
ARNOW, Peter L.	(Page 52)	72 Ll	<u>9-1900</u>
376 Kirk's Lane, Drexel Hill, Pa.			
ARNY, Thomas T.	(Page 59)	310 B	_____
149 Watchung Ave., Montclair, N.J.			

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
B			
BAKER, J. Dennis	(Page 52)	35 WH	_____
Apartado 1944, Habana, Cuba			
BAKER, T. Nelson, III	(Page 38)	103d Le	<u>2-4356</u>
Virginia State College, Petersburg, Va.			
BALLARD, Alexander, Jr.	(Page 52)	33 WH	_____
47 Crestview Rd., Mountain Lakes, N.J.			
BARNERT, Nyles N.	(Page 38)	308 B	_____
40 Collamore Terrace, West Orange, N.J.			
BARNES, Sidney B. Jr.	(Page 44)	53 Ll	_____
326 Dawson St., Phila, 28, Pa.			
BEGGS, Thomas A.	(Page 59)	104 B	_____
1230 Edgehill Rd., Jacksonville, Illinois			
BEHLING, George R.	(Page 52)	42 Ll	<u>2-2089</u>
5031 Glenbrook Rd., N.W. Washington D.C.			
BELSLEY, David A.	(Page 59)	103 B	<u>9-3641</u>
3227 Rittenhouse St., N.W. Washington, 15, D.C.			
BENJAMIN, Robert S.	(Page 38)	216 B	_____
34 Cliff Rd., Wellesley Hills, Mass.			
BERLIN, Cheston M. Jr.		Day	<u>9-3739</u>
1104 Folkstone Drive, Pittsburgh 16, Pa.			
Local: Woodside Cottage, Haverford, Pa.			
BOICE, Edward	(Page 52)	208 B	<u>2-7549</u>
18 East Edgewater Ave., Pleasantville, N.J.			
BOLGIANO, D. Ridgely		220 F	<u>2-9830</u>
4411 Norwood Rd., Baltimore 18, Md.			
BERTOLET, Frederick C.	(Page 44)	317 F	_____
500 Friedensburg Rd., Reading, Pa.			
BERTOLET, William C.	(Page 39)	318 B	<u>2-6366</u>
500 Friedensburg Rd., Reading, Pa.			
BESDINE, Richard W.	(Page 59)	36 SH	_____
3078 Perry Ave., Bronx 67, N.Y.			
BINGHAM, William R.	(Page 44)	Day	_____
304 Conshohocken State Rd., Narberth, Pa.			
BLACKBURN, Paul. P., III	(Page 52)	84 Ll	<u>2-7994</u>
Quarters SP19, NAS Norfolk, Va.			
BLANCHARD, James T.	(Page 52)	218 F	<u>2-7549</u>
Park View Apt. D-925 Collingswood, N.J.			
BLUESTEIN, Richard	(Page 52)	24 SH	<u>2-9830</u>
165 Stoneway Lane, Bala Cynwyd, Pa.			
BONNER, Hugh Jr.	(Page 60)	119 B	_____
Locksley Rd., Glen Mills, Pa.			
BOOK, Norman I. Jr.	(Page 60)	120 B	_____
740 W. 10th St., Claremont, California			
BOSHES, Roger A.	(Page 60)	34 SH	_____
500 Sheridan Rd., Winnetka, Ill.			
BOWEN, David R.	(Page 60)	211 B	_____
26 Spring Rd., Chappaqua, N.Y.			
BOYER, James L.	(Page 39)	201b Le	<u>2-3637</u>
2 Sunnyside Rd., Silver Spring, Md.			
BRADLEY, Edward L.	(Page 39)	312 B	_____
17 W. Mercer Ave., Havertown, Pa.			
BRADLEY, Keith W.	(Page 52)	101 B	_____
1532 Bay Street, Springfield 9, Mass.			
BREWSTER, J. Gurdon	(Page 44)	83 Ll	<u>2-7961</u>
7 Gracie Square, New York City 28, N.Y.			

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
BRIOD, Marc E.	(Page 60) Windsor Rd., Hillsboro, N.H.	108 B	<u>9-3641</u>
BROBYN, Robert J. F.	(Page 52) 3455 Midvale Ave., Phila. 29, Pa.	Day	_____
BROOKS, Stanley A., Jr.	(Page 60) Springrise Farm, 75 Stenton Ave., Plymouth Meeting Pa.	Day	_____
BROWN, Edwin G.	1347 Scotland Ave., Chambersburg, Pa.	52 L1	<u>9-2194</u>
BROWN, Peter G.	(Page 60) R.D. 2 Ridge Road, Horseheads, N.Y.	118 B	_____
BROWN, W. Michael	(Page 44) 466 West Market St., York, Pa.	Day	_____
BUCK, Alfred S.	(Page 39) Local: 629 Haydock Lane, Haverford, Pa.	318 B	_____
BUKY, James G.	(Page 39) 2123 Albemarlo Terrace, Brooklyn 26, N.Y.	55 L1	<u>2-9075</u>
BULLARD, Truman C.	(Page 52) 5830 Story Island Ave., Chicago 37, Ill.	41 L1	<u>2-2089</u>
	142 Roosevelt Road, Rochester, New York		
C			
CABLE, Peter G.	(Page 39) Chestnut Hill Rd., Wilton, Conn.	54 L1	<u>2-9075</u>
CAMPBELL, Bruce D.	(Page 45) 2745 Edgehill Rd., Cleveland Hts. 6, Ohio	33 L1	_____
CARLIN, James F.	(Page 52) 129 Marlborough Rd., Upper Darby, Pa.	Day	_____
CARPENTER, George G.	(Page 52) 5109 Manning Place, N.W. Washington 16, D.C.	115 B	_____
CARRAGAN, William D.	(Page 39) Tamarack Rd., Troy, N.Y.	27 SH	_____
CHACE, William M.	(Page 52) 7206 Oakridge Ave., Chevy Chase 15, Md.	24 SH	_____
CHALLIS, David J.	(Page 60) 406 Woodland Rd., Edgeworth Sewickley, Pa.	7 FH	_____
CHAR, David C.	(Page 45) 2106 Oahu Ave., Honolulu 14, Hawaii	32 L1	<u>2-5074</u>
CHRISTMAS, Lawrence B.	(Page 39) 3342 Tennyson St., N.W. Washington 15, D.C.	201c Le	<u>2-3637</u>
CLARK, Allen M.	(Page 53) Friends Hospital, Phila. 24, Pa.	115 B	_____
CLARK, Laurence H.	(Page 39) Main St., Stockbridge, Mass.	10 Le	_____
CLEMONS, Daniel M.	(Page 45) Ferris Hill Rd., New Canaan, Conn.	64 L1	<u>9-2194</u>
COKER, John W.	(Page 53) 109 Rockland Rd., Havertown, Pa.	Day	_____
COLBURN, Robert M.	(Page 45) 101 Hundreds Rd., Wellesley Hills 82, Mass.	74 L1	_____
COLES, Robert L.	(Page 53) 118 Colonial Ave., Moorestown, N.J.	41 L1	<u>2-2089</u>
COLLETT, Jonathan H.	(Page 53) 2305 East Hill Ave., Cincinnati 8, Ohio	94 L1	<u>9-0729</u>
COMANOR, William S.	(Page 51) 6307 N. Camac St., Phila 41, Pa.	24 L1	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
CONCORS, Alan J.	(Page 45)	24 Ll	_____
25 East Drive, Margate, N.J.			
CONN, Coulson A.	(Page 53)	13 Ll	<u>9-2119</u>
"Brookwood" Welsh Rd., Phila. 15, Pa.			
CONROY, Frank	(Page 39)	102a Le	_____
61 East 86th St., New York, N.Y.			
COOK, Daniel J.	(Page 53)	41 Ll	<u>2-2089</u>
5624 N. 18th St., Phila. 41, Pa.			
COOPER, James D.	(Page 45)	320 F	<u>2-7506</u>
81 Park Place, Hampton, Va.			
CORNWELL, Robert G.	(Page 53)	72 Ll	<u>9-1900</u>
125 Eastland Ave., Rochester 18, N.Y.			
COULTHURST, John	(Page 45)	83 Ll	<u>2-7961</u>
925 Madison Ave., Plainfield, N.J.			
CRAIG, William A.	(Page 60)	118 B	_____
29 Oaklandale, Sanguis, Mass.			
CRAWFORD, John F.	(Page 39)	203c Le	<u>2-0843</u>
27 Bedford Rd., Pleasantville, N.Y.			
CRIST, Robert L.	(Page 39)	61 Ll	_____
1933 Massey Circle, South Charleston, W. Va.			
CUCINOTTA, Anthony J.	(Page 60)	Day	_____
2416 W. Allegheny Ave., Phila 32, Pa.			
CURTIS, Richard W.	(Page 45)	43 Ll	<u>2-8058</u>
279 Highland Ave., Cowesett, Warwick, R.I.			

D

DAHLBERG, Albert E.	(Page 53)	14 Ll	_____
5756 Harper Ave., Chicago 37, Ill.			
DANE, Henry J.	(Page 39)	217 B	_____
11 Fifth Ave., New York 3, N.Y.			
DAVID, J. Harris	(Page 53)	22 Ll	_____
372 Rand St., Camden 5, N.J.			
DAVIDSON, Ian H.	(Page 60)	116 B	_____
22 Academy St., Plymouth, Pa.			
DAVIS, Peter N.	(Page 45)	322 F	_____
826 East Alton St., Appleton, Wisconsin			
DECKER, Douglass A. Jr.,	(Page 60)	35 SH	_____
116 South Parkway Rd., Allentown, Pa.			
De JONG, John G.	(Page 53)	219 F	_____
809 East Broad St., Westfield, N.J.			
De NIE, Frans W.	(Page 60)	310 B	_____
169 Durie Ave., Edgewood, N.J.			
DENT, Walter J.	(Page 60)	107 B	_____
Dillard University, 2601 Gentilly Blvd., New Orleans 22, La.			
De RIS, Conrad O.	(Page 60)	114 B	_____
25 Pershing Rd., Englewood, N.J.			
DIETRICH, Frank S.	(Page 45)	301 B	_____
254 Gardenia Dr., Memphis, Tenn.			
DOHAN, Michael R.		Day	_____
80 Princeton Rd., Bala-Cynwyd, Pa.			
DORSEY, William A.	(Page 45)	225 F	_____
Huntingtown, Md.			
DOWNS, C. B. Tertius	(Page 60)	117 B	_____
8 Kirk St., Lowell, Mass.			

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
DUFF, Stewart M.	(Page 39)	61 Ll	
138 Westchester Dr., Fox Chapel, Pittsburgh 15, Pa.			
DUFF, Thomas A.	(Page 53)	92 Ll	<u>2-3552</u>
138 Westchester Dr., Fox Chapel, Pittsburgh 15, Pa.			
E			
EDGAR, William H.	(Page 61)	108 B	<u>9-3641</u>
Oak Hill Farms, Allison Park, Pa.			
EDSALL, David T.	(Page 39)	215 B	
3 Berkeley St., Cambridge, Mass.			
EIDENBERG, Peter J.	(Page 45)	Day	
2442 Saint Denis Lane, Havertown, Pa.			
ELKINS, Joseph H., Jr.	(Page 61)	Day	
734 Lindale Ave., Drexel Hill, Pa.			
ELLIS, David W.	(Page 39)	22 Le	<u>9-1398</u>
Taylor Highlands, Huntingdon, Pa.			
ELLISON, George H.	(Page 40)	9 Le	
Hamilton, Mass.			
EMERY, Natt M., III	(Page 61)	113 B	
R.D. #2 Main St. Ext., Bethlehem, Pa.			
EMLEN, John M.	(Page 53)	42 Ll	<u>2-2089</u>
2122 Van Hise Ave., Madison, Wisconsin			
ENGLEHARDT, Hans W.	(Page 45)	83 Ll	<u>2-7961</u>
Irondale, Millville Rd., Bloomsburg, Pa.			
F			
FAUNTLEROY, Carl N.	(Page 61)	105 B	
617 New York Ave., Hampton, Va.			
FENANDER, Elliot W.	(Page 61)	116 B	
15 Chatham Rd., Chappaqua, N.Y.			
FERNSLER, George L., Jr.	(Page 61)	214 B	
897 Parkwood Rd., R. D. #3, Norristown, Pa.			
FISCHER, Allen C.	(Page 45)	44 Ll	<u>9-0897</u>
523 W. Mt. Airy Ave., Phila. 19, Pa.			
FITE, Warner II	(Page 45)	Day	
5511 Glenwood Rd., Bethesda, Md.			
Local: 833 Buck Lane, Haverford, Pa.			
FOGEL, Michael R.	(Page 40)	103c Le	<u>2-4356</u>
11 Manhattan Ave., Crestwood, N.Y.			
FORBES, J. Dexter	(Page 45)	5 Le	
326 W. Collings Ave., Collingswood 7, N.J.			
FORMAN, Lawrence T.	(Page 53)	22 Ll	
"Lombardy Orchard" Easton, Md.			
FOSHAY, John M.		Day	
822 Martin Ave., Bryn Mawr, Pa.			
FOX, Peter D.	(Page 61)	410 B	
8, Chemin des Tulipiers, Geneva, Switzerland			
FREEDBERG, Richard G.	(Page 61)	34 SH	
59 Rowena Rd., Newton Centre 59, Mass.			
FRIEDMAN, Burton	(Page 40)	27 Le	<u>9-2724</u>
2749 Levick St., Phila. 49, Pa.			
FULKERSON, Joseph G.	(Page 53)	102 B	
69 Power St., Providence, R.I.			

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
FULLARD, William G., Jr.	(Page 46) 554 Sherwood Parkway, Westfield, N.J.	73 Ll	<u>2-4839</u>
FURSTENBERG, Frank F.	(Page 61) 1918 Chelsea Rd., Baltimore 16, Md.	4 FH	_____

G

GALLAGER, Laurence R.		Day	_____
	Haverford Manor, W. Lancaster Ave, Haverford, Pa.		
GARRETT, Alfred C.	(Page 54)	91 Ll	_____
	8436 Midnight Pass Rd., Siesta Key, Sarasota, Florida		
GARY, Melvin L.	(Page 54)	21 YH	_____
	184 Jackson St., Brownsville, Pa.		
GASS, Darwin X. II	(Page 61)	Day	_____
	933 Mayberry Rd., Gulph Mills, Conshohocken, Pa.		
GAULT, Pierre (Spec)		21 Ll	_____
	39 rue du La Ferte Bernard (Sarthe) France		
GEIST, Kenneth L.	(Page 40)	30 Le	_____
	145 Central Dark West, N.Y. 23, N.Y.		
GELSER, Leigh M.	(Page 40)	4 Le	<u>2-1552</u>
	245 Milton Rd., Rye, New York		
GERDINE, Philip V.	(Page 54)	72 Ll	<u>9-1900</u>
	4324 Shenandoah Ave., Dallas 5, Texas		
GIBSON, David J.	(Page 40)	322 B	<u>2-6366</u>
	R.D. #3 Bradford, Pa.		
GIBSON, George A.	(Page 61)	36 SH	_____
	East Main St., Mendham, N.J.		
GILLMOR, Richard P.	(Page 61)	71 Ll	_____
	3521 Rhoads Ave., Newtown Square, Pa.		
GOGGIN, M. Gregory	(Page 46)	33 Ll	_____
	Washington Corner Rd., Mendham, N.J.		
GOGGIN, Malcolm L.	(Page 54)	94 Ll	<u>9-0729</u>
	Washington Corner Rd., Mendham, N.J.		
GOLD, Allan	(Page 40)	202c Le	_____
	939 W. Roosevelt Blvd., Phila. 40, Pa.		
GOODMAN, Oscar B.	(Page 61)	31 Ll	<u>2-4932</u>
	717 Bryn Mawr Ave., Penn Valley, Narberth, Pa.		
GOULD, John W.	(Page 61)	117 B	_____
	Grasslands, Valhalla, N. Y.		
GOULD, Richard G.	(Page 46)	91 Ll	_____
	Grasslands, Valhalla, N. Y.		
GRAMBS, David L.	(Page 46)	223 F	_____
	206 Renshaw Ave., East Orange, N. J.		
GRAY, Harold S.	(Page 61)	104 B	_____
	739 Harvard Ave., Calremont, Calif.		
GREEN, Alexander A.	(Page 46)	34 Ll	<u>2-8855</u>
	274 Wilson St., Carlisle, Pa.		
GREEN, Willard P.	(Page 46)	32 Ll	<u>2-5074</u>
	4547 River Rd., Toledo 14, Ohio		
GREENLEAF, Newcomb	(Page 40)	Day	_____
	2 Cricket Ave., Ardmore, Pa.		
GRESIMER, John D. II	(Page 46)	2 Le	_____
	West Creek Rd., Emporium, Pa.		
GRIFFITH, Lawrence J.	(Page 46)	32 Ll	<u>2-5074</u>
	1941 Parkside Drive, N.W., Washington 12, D. C.		

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
GRIFFITH, Martin G. (Page 61)	6 N. Fredericksburg Ave., Margate, N. J.	208 B	<u>2-7549</u>
GROSE, William R. (Page 62)	308 22nd St., S. E., Charleston 4, W. Va.	112 B	_____
GROVES, Roger L. (Page 62)	16 Burnett Terrace, West Orange, N. J.	10 FH	_____
GUNSTER, Gerald D. (Page 40)	9 Lee Park Ave., Wilkes-Barre, Pa.	203d Le	<u>2-0843</u>
H			
HALSTEAD, Lauro (Page 40)	233 Fisher Ave., White Plains, N. Y.	Day	_____
	Local: 630 Morris Ave., Bryn Mawr, Pa.		
HANSON, David (Page 62)	B Atlantic St., Santurce, Puerto Rico	22 WH	_____
HARDY, Roger B. (Page 40)	18461 Puritan Ave., Detroit 23, Mich.	26 Le	_____
HARGADON, Frederick A. (Page)	133 Ardmore Ave., Ardmore, Pa.	Day	_____
HARKINS, John J. (Page 40)	945 Herbert St., Phila. 24, Pa.	Day	_____
	Local: 1 College Circle, Haverford, Pa.		
HARRISON, Eric J. (Page 40)	1126 Greentree Rd., Pittsburgh 20, Pa.	202b Le	_____
HARVEY, Frank L., III (Page 54)	Drakestown Rd., Hackettstown, N. J.	202 B	<u>2-8316</u>
HATCH, Edward L. (Page 62)	722 Fourth St., Jackson, Mich.	307 B	_____
HAWORTH, Gary N. (Page 54)	312-28 St., Dr. S. E., Cedar Rapids, Iowa	42 Ll	<u>2-2089</u>
HAYTER, John B. (Page 54)	133C Dumbarton Rd., Baltimore 12, Md.	208 B	<u>2-7549</u>
HECHT, Jeffrey K. (Page 46)	4 Collamore Terrace, West Orange, N. J.	33 Ll	_____
HEIMAN, Elliott M. (Page 46)	1412 Surrey Lane, Phila. 31, Pa.	82 Ll	<u>2-6030</u>
HELSINGER, Howard M. (Page 62)	124 W. 79 St., New York 24, N. Y.	203 B	_____
HENDERSON, Thomas A. (Page 62)	Paullina, Iowa	105 B	_____
HERSHEY, John W. B. (Page)	14 E. Third Ave., Lititz, Pa.	204c Le	<u>9-2804</u>
HETZEL, Henry T. (Page 62)	768 College Ave., Haverford, Pa.	107 B	_____
HILL, Richard M. (Page 40)	Wayland Rd., Sudbury, Mass.	103b Le	<u>2-4356</u>
HILLIER, R. David (Page 54)	406 S. Twelfth, Laramie, Wyo.	411 B	_____
HOBROUGH, Richard Lee	1068 Woodbury Rd., New Kensington, Pa.	53 Ll	_____
HOEN, Theodorus, N.	439 Montgomery Ave., Haverford, Pa.	21 Ll	_____
HOFFMAN, David L.	1443 Sharon Park Dr., Sharon Hill, Pa.	Day	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
HOFFMANN, Erik P.	(Page 62) 612 W. 112th St., New York 25, N. Y.	303 B	_____
HOLMES, James D.	(Page 40) 2843 Allendale Place, N. W., Washington 8, D. C.	201a Le	<u>2-3637</u>
HOLSOE, Svend E.	(Page 62) American Embassy, Monrovia, Liberia, West Africa	210 B	_____
HOPPER, Robert J.	(Page 40) 77 Kensington Park, Arlington 74, Mass.	325 F	_____
HORAN, David E.	46 Country Club Rd., Melrose, Mass. Local: 833 Buck Lane, Haverford, Pa.	Day	_____
HORNBAKER, John H., Jr.	(Page 46) 1117 Oak Hill Ave., Hagerstown, Md.	205 B	_____
HORWITZ, Henry G.	(Page 46) 410 N. McKean St., Butler, Pa. Local: 833 Buck Lane, Haverford, Pa.	Day	_____
HOWARD, C. Boyd	(Page 46) M. R. 12, Butler, Pa.	315 F	_____
HOWARD, Peter B.	(Page 54) 204 52nd St., Virginia Beach, Va.	122 B	_____
HOWARD, Wm. James	(Page 54) 807 Talcott Circle, Marietta, Ga.	93 Ll	<u>2-2950</u>
HOWE, John S., Jr.	(Page 54) 3511 Rodman St., N. W., Washington 8, D. C.	23 Ll	_____
HUMPHREYS, Marvin W.	(Page 41) 4508 - 38th St., N. W., Washington 16, D. C. Local: 103 Ardmore Ave., Ardmore, Pa.	Day	_____
HUNT, Peter T.	(Page 41) 464 - 6th Ave., New York 11, N. Y.	55 Ll	<u>2-9075</u>
HURCHALLA, George, Jr.	(Page 41) Yost Rd., R. D. #3, Norristown, Pa.	56 Ll	_____
HURFORD, John B.	(Page 54) 79 Spring Ave., Broomall, Pa.	71 Ll	_____
HYATT, Garry	(Page 46) Alnwick Rd., Bryn Athyn, Pa.	74 Ll	_____

I

ISERMAN, Robert	(Page 54) 280 Lyncroft Rd., New Rochelle, N. Y.	302 B	_____
----------------------	--	-------	-------

J

JACKSON, Donald R.	(Page 47) 205 W. 42 St., Erie, Pa.	84 Ll	<u>2-7994</u>
JAMES, R. Brandon	(Page 62) Tangy Homesteads, R. D. #1, Glen Mills, Pa.	210 B	_____
JERNQUIST, Peter B.	(Page 62) 21 Homeland St., Johnston 9, R. I.	31 YH	_____
JOHNSON, Alan E.	(Page 47) 2325 Barcelona Rd., Schenectady 9, N. Y.	74 Ll	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
JOHNSON, Myles A.	(Page 41) 2860 Lafayette Ave., New York 65, N. Y.	201d Le	<u>2-3637</u>
JONES, Stark G.	(Page 62) 303 School St., Clarks Summit, Pa.	410 B	_____
JONES, William W.	(Page 55) 251 Broadway, Augusta, Kansas	316 B	_____
JOSLYN, Allen S.	(Page 41) 326 N. Grove St., Lock Haven, Pa. Local: 328 Locust St., Ardmore, Pa.	Day	_____
K			
KABACK, Howard R.	(Page 41) 366 Bala Ave., Bala-Cynwyd, Pa.	Day	_____
KABACK, Michael M.	(Page 47) 8401 Germantown Ave., Phila. 18, Pa.	24 Ll	_____
KAEGI, Walter E., Jr.	(Page 47) 1221 Bates Court, Louisville 4, Ky.	73 Ll	<u>2-4839</u>
KAIN, David H.	(Page 47) 564 Sunset Road, Louisville, Ky.	44 Ll	<u>9-0897</u>
KARUSH, Arnold D.	(Page 62) 5708 Wyndale Ave., Phila. 31, Pa.	Day	_____
KATOWITZ, James A.	(Page 47) 70 Scheerer Ave., Newark, N. J.	82 Ll	<u>2-6030</u>
KAUFMAN, Malcolm E.	(Page 55) 171 S. Franklin St., Wilkes-Barre, Pa.	63 Ll	<u>2-5649</u>
KELLY, Charles R.	(Page 62) 1180 Narragansett Blvd., Edgewood 5, R. I.	28 SH	_____
KELLY, Richard M.	(Page 41) 251 W. Montgomery Ave., Haverford, Pa.	Day	_____
KERR, Douglas S.	(Page 41) American University, Beirut, Lebanon	62 Ll	<u>2-4213</u>
KIMMICH, Christoph M.	(Page 62) Miller Rd., Phoenixville, Pa.	110 B	_____
KITTNER, Philip J.	(Page 47) 6166 N. 17th St., Phila. 41, Pa.	222 F	_____
KLINGENMAIER, C. Herman	(Page 55) 479 Country Club Rd., York, Pa.	207 B	<u>2-2192</u>
KLINEBERG, Stephen L.	(Page 62) 44 Ogden Rd., Scarsdale, N.Y.	413 B	_____
KLINMAN, Norman R.	(Page 41) 302 Calvert Rd., Merion, Pa.	25 Le	<u>9-2724</u>
KNIGHT, Charles A.	(Page 41) 410 Ridge Rd., Middletown, Conn.	218 B	_____
KNIGHT, Donald D.	(Page 63) 410 Ridge Rd., Middletown, Conn.	112 B	_____
KOHN, Michael H.	(Page 55) 410 W. Surf St., Chicago, Ill.	33 SH	_____
KORPER, Jon S.	(Page 55) 3 Rivers Farm, Bridgewater, Conn.	215 B	_____
KOSKOFF, Eric G.	(Page 41) 5500 Hobart St., Pittsburgh 17, Pa.	311 F	<u>2-8568</u>
KOVACSICS, Gyula	(Page 63) Schream Cottage, Woods Hole, Mass.	101d Le	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
KRAUSE, Robert L.	(Page 41)	308 B	<u>2-7549</u>
113 Beverly Rd., Phila. 31, Pa.			
KRIEL, Robert L.	(Page 47)	81 L1	
113-B St. Dunstons Rd., Baltimore 12, Md.			
KUHN, Dieter H. (Spec.)		21 L1	
Bochum, Saladin-Schmitt-Str. 4F, Germany			
KUNZ, Carl N.	(Page 41)	317 B	<u>2-6366</u>
7615 Rockwell Ave., Phila. 11, Pa.			
KURZMAN, Harold P., Jr.	(Page 41)	104b Le	
1035 Fifth Ave., New York 28, N.Y.			
L			
LANE, Peter O.	(Page 63)	Day	
120 Kingwood Park, Poughkeepsie, N.Y.			
Local: 768 College Ave., Haverford, Pa.			
LARSON, Jeffry K.	(Page 63)	219 B	
542 East 31st Ave., North Kansas City, Missouri			
LARY, Nikita M.	(Page 55)	9 FH	
4700 Sedgwick St., N.W. Washington 16, D.C.			
LATHROP, Robert G.		Day	
893 Parke's Run Lane, Ithan, Villanova, Pa.			
LAUVE, Donald L.	(Page 47)	Day	
1116 N. Broom St., Wilmington, Del.			
Local: 920 Railroad Ave., Haverford, Pa.			
LEDERER, Richard H.	(Page 47)	44 L1	<u>9-0897</u>
Rittenhouse Towers, 222 Rittenhouse Square West,			
Apt. 810, Phila. 3, Pa.			
LEE, James O.	(Page 47)	43 L1	<u>2-8058</u>
252 E. Durard Rd., Phila. 19, Pa.			
LEESER, Harry M.	(Page 47)	Day	
339 Lemonte St., Phila. 28, Pa.			
LEGER, F. Treville (Grad)		Day	
P.O.B. #385 Pensacola, Fla.			
Local: 516 Panmure Rd., Haverford, Pa.			
LEHFELDT, Martin C.	(Page 63)	105 B	
610 West Judson Ave., Youngstown 11, Ohio			
LENFEST, David S.	(Page 41)	Day	
Waldoboro, Maine			
Local: 26 S. Wyoming Ave., Ardmore, Pa.			
LEONARD, Gerry W.	(Page 55)	21 YH	
142 Narragansett Ave., Jamestown, R.I.			
LEVIN, Gerald M.	(Page 55)	63 L1	<u>2-5649</u>
150 Trent Rd., Overbrook Hills, Pa.			
LEWIS, Timothy	(Page 55)	13 L1	<u>9-2119</u>
Western Run Rd., Cockeysville, Md.			
LIECHTY, Gordon A.	(Page 47)	Day	
Thornbrook Manor, 819 Montgomery Ave.,			
Bryn Mawr, Pa.			
LIGUORI, Victor A.	(Page 47)	Day	
1516 Sheffield La., Phila. 31, Pa.			
LINTHICUM, Alexander	(Page 63)	309 B	
110 South Washington St., Rockville, Md.			
LIPTON, Charles S.	(Page 55)	23 SH	<u>2-8316</u>
6134 Loretto Ave., Phila. 49, Pa.			

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
LO CICERO, Joseph C., Jr.	(Page 55) 625 Devon Rd., Moorestown, N.J.	220 B	_____
LOCKEY, Richard F.	(Page 63) 1911 Millersville Pike, Lancaster, Pa.	409 B	_____
LONG, Anthony B.	(Page 47) 2110 Meadow View Drive, Baltimore 7, Md.	22 YH	_____
Longbotham, E. Morgan Jr.	(Page 55) 113 Hillside Ave., Glen Ridge, N.J.	305 B	<u>2-6943</u>
LOWENTHAL, Joel R.	(Page 48) 1229 Knox Rd., Wynnewood, Pa.	82 L1	<u>2-6030</u>
LUTHERER, Lorenz O.	(Page 42) R.F.D. #4, Chagrin Falls, Ohio	104a Le	_____
M			
MACBRIDE, James R.	(Page 63) 9423 Meadowbrook Ave., Phila. 18, Pa.	114 B	_____
MACON, Edwin J.	(Page 42) Timberlake Drive, Knoxville, Tenn.	204d Le	<u>9-2804</u>
MACORT, John G.	(Page 55) 473 Oriole St., Phila. 28, Pa.	305 B	<u>2-6943</u>
MADDOCK, Thomas	(Page 42) 1070 River Rd., Trenton 8, N.J.	203b Le	<u>2-0843</u>
MAMANA, Joseph M.	(Page 48) RD #2, Easton, Pa.	222 F	_____
MANDELL, Jon M.	(Page 63) 221 West Gibbons St., Linden, N.J.	304 B	_____
MARGIE, Robert P.	(Page 55) 24 Philadelphia Ave., West Pittston, Pa.	412 B	<u>2-5625</u>
MARSDEN, George M.	(Page 48) 460 N. Union St., Middletown, Pa.	44 L1	<u>9-0897</u>
MARTIN, Robert L.	(Page 63) 209 Sturgis Ave., Cincinnati 17, Ohio	219 B	_____
MASLAND, James G., Jr.	(Page 63) 42 Summit St., Phila. 18, Pa.	71 L1	_____
MATCHETT, Noel D.	(Page 63) 32 Dover St., Paterson, N.J.	307 B	_____
MATHEWS, Robert G., Jr.	(Page 63) 2346 Brandon Rd., Columbus 21, Ohio	31 L1	<u>2-4932</u>
MAUD, Laurence C.	(Page 48) 7139 Lawndale St., Phila. 11, Pa.	22 YH	_____
McCURDY, Glenn A.	(Page 55) R.D. 1, Pennsylvania, Pa.	14 L1	_____
McKELVEY, Donald B.	(Page 55) 27 Hillside Way, Millburn, N.J.	24 YH	<u>2-5651</u>
McLEAN, Hugh C.	(Page 63) 192 Mayfair Drive, Pittsburgh 28, Pa.	113 B	_____
McLEOD, Hugh W.	(Page 48) 21 School St., Hatfield, Mass.	81 L1	_____
MEADE, Price C.	(Page 48) "Red Gates" Durham, Conn.	101c Le	_____
MECHLING, Edward A. II	(Page 63) Dogue, Va.	109 B	_____
MEDSGER, Thomas A. Jr.	(Page 42) 213 Mitchell La., Edgeworth, Sewickley, Pa.	203a Le	<u>2-0843</u>

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
MERMIN, Richard S. (Page 56)	30 West 70th St., New York 23, N.Y.	22 SH	_____
MERZ, Frederich H. (Page 48)	51 Derwen Rd., Bala-Cynwyd, Pa.	101b Le	_____
MEYER, Jean Charles. (Page 42)	Zes Sapins-Conches, Geneva, Switzerland	8 FH	_____
MEYERS, N. Marshall (Page 63)	4000 Massachusetts Ave., N.W. Washington, D.C	116 B	_____
MICHENER, Bryan P. (Page 48)	625 Brookland Park Dr., Iowa City, Iowa	43 Ll	<u>2-8058</u>
MILLER, J. David (Page 48)	300 W. Court St., Doylestown, Pa.	319 F	_____
MILLER, J. Philip (Page 48)	623 East Ford Ave., Barberton, Ohio	84 Ll	<u>2-7994</u>
MILLER, Robert S. (Page 54)	236 Holliday Rd., Lexington, Kentucky	63 Ll	<u>2-5649</u>
MILLER, Shelby C. (Page 64)	347 Hillside Ave., Rochester 10, N.Y.	106 B	_____
MILLER, Thomas W. C. (Page 56)	257 North 17th St., Camp Hill, Pa.	11 Ll	<u>9-2554</u>
MOHR, Jay P. (Page 42)	1322 Oakwood Court, Lynchburg, Va. Local: Woodside College, Haverford, Pa.	Day	<u>9-3739</u>
MONKEMEYER, H. Shenton (Page 42)	84-21 Chapin Pkwy., Jamaica 32, N.Y.	6 Le	_____
MONTGOMERY, J. Langford (Page 42)	23 Lexington Ave., Pitman, N.J. Local: 785 College Ave., Haverford, Pa	Day	_____
MORGAN, David W. (Page 56)	65 University Ave., Hamilton, N.Y.	23 Ll	<u>2-9873</u>
MORRIS, James H. (Page 48)	2574 Fairmount Blvd., Cleveland Hts. 6, Ohio	34 Ll	<u>2-8855</u>
MOYES, James R. (Page 48)	394 Bonnie Brae Ave., Rochester 18, N.Y.	43 Ll	<u>2-8058</u>
MULLER, Werner E. Jr. (Page 56)	1535 Winding Rd., Southampton, Pa.	14 Ll	_____
MURRAY, Wallace A. Jr. (Page 56)	1421 Greywall La., Overbrook Hills 31, Pa.	Day	_____
MUSSER, Harold E. (Page 42)	Box 246, Parsons Hill, Somerset, Pa.	52 Ll	<u>9-2194</u>
MYERS, J. Wilson	621 Railroad Ave., Haverford, Pa.	Day	_____

N

NEWCOMB, Benjamin H. (Page 56)	120 Glen Lake Ave., Pitman, N.J.	12 Ll	<u>9-1099</u>
NOLTE, Kemble P. (Page 42)	607 E. Belle Ave., Milwaukee 17, Wisconsin	23 Le	<u>9-1398</u>
NORRIS, Paul E. H. (Page 48)	5120 Aldrich Avenue South Minneapolis 19, Minn.	217 F	_____
NOWLIS, David P. (Page 42)	900 Highland Ave., Rochester 20, N.Y.	29 Le	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
O			
OGDEN, Hugh S.	(Page 48)	83 Ll	<u>2-7961</u>
1937 South Shore Dr., Erie, Pa.			
OLSEN, Gary K.	(Page 56)	93 Ll	<u>2-2950</u>
116 E. Spruce St., Titusville, Pa.			
ORTMAN, Robert A.	(Page 66)	311 B	_____
2931 Sunnycrest Rd., Willow Grove, Pa.			
OSGOOD, Charles F.	(Page 56)	22 SH	_____
5506 5th Ave., Apt. 211 Pittsburgh 32, Pa.			
P			
PARKER, Daniel E.	(Page 42)	216 B	_____
40 Oak St., Ramsey, N.J.			
PARKER, George G. C.	(Page 56)	94 Ll	<u>9-0729</u>
1605 Perkins Dr., Arcadia, California			
PARKER, Robert M.	(Page 64)	210 B	_____
2 Davis Rd., Port Washington, N.Y.			
PASKOW, Alan K.	(Page 64)	310 B	_____
1049 Coolidge Rd., Elizabeth, N.J.			
PATRICK, Richard	(Page 48)	51 Ll	_____
1860 Hunt Ave., Bronx 61, N.Y.			
PECK, N. Tenney	(Page 49)	84 Ll	<u>2-7994</u>
181 Windsor Rd., Waban 68, Mass.			
PEDRICK, Perkins C.		225 F	_____
829 Church St., Millville, N.J.			
PENDLETON, James N.	(Page 64)	7 FH	_____
411 Hartford St., Westwood, Mass.			
PENNELL, Franklin H. Jr.	(Page 42)	52 Ll	<u>9-2194</u>
Spencer Road, Ivyland R.D., Pa.			
PETRUS, Valentine M.	(Page 64)	35 SH	_____
25 East 62nd St., Kansas City 13, Missouri			
PHILLIPS, Harvey E.	(Page 42)	28 Le	<u>9-2526</u>
67 Petersville Rd., New Rochelle, N.Y.			
PHILLIPS, Henry A.	(Page 49)	74 Ll	_____
111 High St., Exeter, N.H.			
PHILLIPS, Michael H.	(Page 49)	21 SH	_____
Tohickan Creek Farm, Ottsville, Pa.			
PIERCE, Edward E. III	(Page 56)	411 B	_____
323 Pine Road, Edgeworth, Sewickley, Pa.			
PIERSON, Daniel H.	(Page 64)	31 Le	<u>2-4932</u>
Cranberry Weir, Sloatsburg, N.Y.			
PLATT, Hermann K.	(Page 42)	62 Ll	<u>2-4213</u>
Lurgan Rd., New Hope, Pa.			
PORTER, Robert R.	(Page 49)	32 Ll	<u>2-5074</u>
117 Center St., Fayetteville, N.Y.			
PRATT, Robert G.		Day	<u>9-3739</u>
144 Ardmore Ave., Haddonfield, N.J.			
Local: Woodside Cottage. Haverford, Pa.			
PRICE, Hollis F.	(Page 42)	104c Le	_____
825 Walker Ave., Memphis, Tenn.			
PRICE, Leighton A.	(Page 43)	24 YH	<u>2-5651</u>
Fairmeadows Box 211 R.R. #3 Esmond 17, R.I.			

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
PURSEL, Charles B.	(Page 49)	33 Ll	_____
29 W. 4th St., Bloomsburg, Pa.			
PUTNAM, Kendrick W.		72 Ll	<u>9-1900</u>
Lyne, New Hampshire			
PYKE, John S. Jr.	(Page 56)	25 SH	_____
17863 Lake Rd., Lakewood, Ohio			
Q			
QUINTER, Ralph D. III	(Page 64)	313 B	_____
3509 Turner La., Chevy Chase, Md.			
R			
RALPH, Boyd G.	(Page 43)	51 Ll	_____
Gastonville, Pa.			
RAMEY, J. Allen	(Page 56)	92 Ll	<u>2-3552</u>
18 Grandview Ave., West Orange, N.J.			
RAMSEYER, Stephen F.	(Page 64)	303 B	_____
2 Putnam Hill, Greenwich, Conn.			
RANDALL, Mark H.	(Page 43)	Day	_____
Haverford College, Haverford, Pa.			
RAY, William B.	(Page 57)	321 F	_____
2440 Asbury Ave., Evanston, Ill.			
RAYMOND, Geoffrey H.	(Page 57)	212 B	<u>2-9067</u>
331 Essex Rd., Kenilworth, Ill.			
READ, William C.	(Page 64)	106 B	_____
96 N. Grandview Ave., Dubuque, Iowa			
REILL, James H.	(Page 43)	Day	_____
543 Country Club La., Havertown, Pa.			
REINER, Edward	(Page 64)	Day	_____
208 Farwood Rd., Carroll Park, Phila. 31, Pa.			
RHOADS, David G.	(Page 57)	412 B	<u>2-5625</u>
Beaver Valley Rd., R.D.#2, Wilmington, Del.			
RHOADS, George G.	(Page 64)	211 B	_____
131 W. Walnut La., Phila. 44, Pa.			
RHOADS, Jonathan E., Jr.	(Page 57)	13 Ll	<u>9-2119</u>
131 W. Walnut La., Phila. 44, Pa.			
RICE, Emery V. D.	(Page 49)	73 Ll	<u>2-4839</u>
54 Chestnut St., Boston 8, Mass.			
RICHIE, David A.		Day	_____
558 W. Montgomery Ave., Haverford, Pa.			
RIEGL, Jan A.	(Page 43)	5b FH	_____
6048 Jackson St., Pittsburgh 6, Pa.			
RIGNALL, Raymond H., Jr.	(Page 49)	81 Ll	_____
U.S.Q.M. % U. S. Embassy, Guatemala, C.A.			
RITTER, E. Kerfoot	(Page 64)	106 B	_____
5905 Greenbrier Rd., N.E. Atlanta 5, Georgia			
RIVERS, David B.	(Page 49)	306 B	_____
49 S. Franklin St., Wilkes-Barre, Pa.			
ROBERTS, Charles C.	(Page 57)	414 B	_____
165 Lismore Ave., Glenside, Pa.			
ROBERTS, Kurt W.	(Page 64)	307 B	_____
Wyoming Seminary, Kingston, Pa.			

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
ROBINSON, Theodore A.	(Page 49) 209 Fairlamb Ave., Havertown, Pa.	91 Ll	_____
ROCKWELL, Peter B.	(Page 43) P.O. Box 95, Stockbridge, Mass.	215 B	_____
RODEWALD, Paul G.	(Page 43) 508 Edgerton Place, Pittsburgh 8, Pa.	61 Ll	_____
ROGERS, Joseph E., Jr.	(Page 57) 310 W. Second St., Moorestown, N. J.	23 Ll	<u>2-9873</u>
ROLOFF, Michael W.	(Page 43) 2 - B - 3 Patch Barracks, Vaihingen, Stuttgart, Germany	102c Le	_____
RONDTHALER, David L.	(Page 57) 28 Nordica Drive, Croton-on-Hudson, N. Y.	92 Ll	<u>2-3552</u>
ROSENBAUM, David H.	(Page 57) 3240 W. School House Lane, Phila. 44, Pa.	221 F	_____
RUSSELL, Gregory R.	(Page 57) 259 S. Logan Ave., Audubon 6, N. J.	12 Ll	<u>9-1099</u>

S

SARNOFF, Stephen B.	(Page 43) 1025 5th Ave., New York City, N. Y.	51 Ll	_____
SAYLES, William A.	(Page 43) 10 Longwood Drive, Wayne, Pa.	Day	<u>9-3739</u>
SCARBOROUGH, Donald A.	(Page 49) 423 E. Durham St., Phila. 19, Pa. Local: Woodside Cottage, Haverford, Pa.	82 Ll	<u>2-6030</u>
SCHAMBELAN, Howard L.	(Page 64) Garden Court Apt., 46th & Pine Sts., Phila., Pa.	304 B	_____
SCHEAR, Richard D.	(Page 49) 610 W. Siebenthaler Ave., Dayton, Ohio	24 Ll	_____
SCHOLL, Donald B.	(Page 49) 1 Darien Rd., New Canaan, Conn.	318 F	_____
SCHOONOVER, Eric T.	(Page 43) 3841 Greenbrier Drive, Dallas 25, Texas	31 SH	_____
SCHRAMM, Lawrence P.	(Page 57) 724 Price St., West Chester, Pa.	11 Ll	<u>9-2554</u>
SCHRAMM, Richard E.	(Page 43) 724 Price St., West Chester, Pa.	103a Le	<u>2-4356</u>
SCHULZE, Frederick C.	(Page 57) 326 Forest Ave., Ambler, Pa.	23 Ll	<u>2-9873</u>
SCOTT, Leighton R., Jr.	(Page 64) 329 Clinton Terrace, Easton, Pa.	315 B	_____
SEE, Fred G.	(Page 49) Luerenkill Rd., Ellenville, N. Y.	26 SH	_____
SEGAL, Don M.	(Page 49) 7010 Greene St., Phila. 19, Pa.	207 B	<u>2-2192</u>
SHAFFER, Stephen J.	(Page 64) 73 Academy Rd., Bala-Cynwyd, Pa.	Day	_____
SHAPIRO, Stephen S.	(Page 57) 14 Beverly Rd., West Orange, N.J.	41 Ll	<u>2-2089</u>
SHARP, Alexander B.	(Page 49) 880 Highland Rd., Ithaca, N. Y.	206 B	_____
SHAW, Frederick H.	(Page 50) 3824 Farragut Rd., Brooklyn 10, N. Y.	7 Le	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
SHEITELMAN, A. Louis	(Page 57) 1430 N. Franklin St., Philadelphia, Pa.	31 Ll	<u>2-4932</u>
SHELDON, Timothy M.	(Page 50) Tophill Farm, Devon Rd., Lee, Mass.	55 Ll	<u>2-9075</u>
SHELTON, Frank W.	(Page 65) Box 431, Kennett, Mo.	118 B	_____
SHEPHERD, John E., Jr.	(Page 57) 261 Washington Ave., Chatham, N. J.	12 Ll	<u>9-1099</u>
SHERK, Larry W.	(Page 50) 25 Main St., Williamsburg, Mass.	73 Ll	<u>2-4839</u>
SHILLOCK, John C., III	(Page 65) 9 Leland Court, Chevy Chase, Md.	315 B	_____
SHIVERS, David	(Page 57) Sewell, New Jersey	201 B	_____
SHOWE, Michael K.	(Page 65) 133 Byron Rd., Pittsburgh 9, Pa.	6 FH	_____
SHULTZ, Robert L.	(Page 43) No. 6 Crab Apple Lane, Rockford, Ill.	54 Ll	<u>2-9075</u>
SILVERBLATT, Edward R.	(Page 65) Schenley Park Apts., Pittsburgh 13, Pa.	6 FH	_____
SINCLAIR, Paul F.	(Page 57) 556 Bramhall Ave., Jersey City 4, N. J.	38 SH	_____
SMILLIE, James B.	(Page 65) 1309 S. Divinity St., Philadelphia 43, Pa.	Day	_____
SMITH, Earl J.	(Page 43) 333 E. Lincoln Ave., New Castle, Pa.	21 Le	<u>9-1398</u>
SMITH, Jere P.	(Page 65) 305 Tohickon Ave., Quakertown, Pa.	213 B	_____
SMITH, John K.	(Page 50) 305 Tohickon Ave., Quakertown, Pa.	34 Ll	<u>2-8855</u>
SMITH, Lewis F.	(Page 65) 4792 Ottawa Ave., Riverside, Calif.	32 YH	_____
SMITH, Jonathan Z.	(Page 58) 320 W. 86 St., New York 24, N. Y.	216 F	_____
SOUDERS, Thomas B.	(Page 65) 1320 E. Wyomissing Blvd., Reading, Pa.	314 B	_____
SPANGLER, George M.	(Page 50) 233 Lincoln Way, East, New Oxford, Pa.	222 B	_____
SPEAKMAN, William H., 3rd	(Page 65) 121 Fairview Ave., Hatboro, Pa.	413 B	_____
SPEER, Brownlow M.	(Page 58) 1305 Singer Place, Pittsburgh 21, Pa.	63 Ll	<u>2-5649</u>
SQUIRES, Edward C.	(Page 43) 209 Garrett Ave., Swarthmore, Pa.	62 Ll	<u>2-4213</u>
STEELE, Thomas H.	(Page 43) 206 Euclid Ave., New Castle, Pa.	204b Le	<u>9-2804</u>
STEIN, Adam	(Page 58) 7 Greenholm, Princeton, N. J. Local: 833 Buck Lane, Haverford, Pa.	Day	_____
STEIN, George H., Jr.	(Page 65) 2407 Valley Rd., Bellevue Pk., Harrisburg, Pa.	120 B	_____
STEVENSON, Leland E., Jr.	(Page 58) 5101 39th St., N.W., Washington 16, D. C.	32 YH	_____
STEWART, Palmer G.	(Page 50) 426 Indian Rock Rd., Vista, Calif.	317 B	<u>2-6366</u>

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
STIFLER, Andrew T. C.	(Page 65)	71 L1	_____
13 Cypress Lane, Berwyn, Pa.			
STITES, Daniel P.	(Page 58)	11 L1	<u>9-2554</u>
13 N. Exeter Ave., Margate City, N. J.			
STOCKEBRAND, William J.		32 WH	_____
6024 Oxford St., Philadelphia 31, Pa.			
STOKES, Francis J., III	(Page 65)	109 B	_____
1012 Westview St., Philadelphia 19, Pa.			
STONE, John W.	(Page 50)	322 F	_____
815 Maple Rd., Charleston 2, W. Va.			
STOWE, Richard W.	(Page 65)	409 B	_____
7402 Glenbrook Rd., Bethesda 14, Md.			
SUMMERS, Dudley W.	(Page 58)	320 B	<u>2-6366</u>
37 Headley Place, Maplewood, N. J.			
SWAN, Frederick C.	(Page 65)	Day	_____
Westtown School, Westtown, Pa.			
Local: 768 College Ave., Haverford, Pa.			
SWIFT, John K.	(Page 65)	110 B	_____
30 Cornell Rd., West Hartford 7, Conn.			
T			
TALBOT, David N.		64 L1	<u>9-2194</u>
Box 185, Woodstock, Vt.			
TAYLOR, Harold E.	(Page 65)	107 B	_____
Taylor Lane, Riverton, N. J.			
TAYLOR, Hollinghead N., III	(Page 66)	34 WH	_____
Pipersville, Bucks County, Pa.			
TAYLOR, William G.	(Page 50)	206 B	<u>2-5826</u>
Box 875, Tryon, N. C.			
TEEM, Martin V.	(Page 50)	34 L1	<u>2-8855</u>
601 Whitlock Ave., Marietta, Ga.			
TEITELBAUM, Richard L.	(Page 58)	34 YH	_____
44 W. 77 St., New York, N. Y.			
THOMAS, C. Howard, Jr.	(Page 44)	102b Le	_____
614 Dresher Rd., Horsham, Pa.			
THOMPSON, Mark E.	(Page 66)	319 B	_____
730 Center Ave., Avalon, Pittsburgh 2, Pa.			
THORNE, Charles G., Jr.	(Page 50)	306 B	_____
370 E. Chestnut St., Coatesville, Pa.			
THORPE, Edward J.	(Page 44)	202d Le	_____
125 Northfield Ave., West Orange, N. J.			
THREADGILL, Francis D., Jr.	(Page 58)	Day	_____
1120 16th St., N.W., Washington 6, D. C.			
Local: 106 Haverford Ave., Ardmore, Pa.			
TILLEY, Jon P.	(Page 44)	204a Le	<u>9-2804</u>
1402 E. Patterson Ave., Kirksville, Mo.			
TILLIS, Alan C.	(Page 66)	10 FH	_____
67 S. Munn Ave., East Orange, N. J.			
TOBIAS, Joel A.	(Page 50)	5A FH	<u>9-3570</u>
413 Pembroke Rd., Cynwyd, Pa.			
TRABERT, Kenneth K.	(Page 66)	Day	_____
1414 W. Wynnewood Rd., Ardmore, Pa.			
TUBIS, Stuart H.	(Page 50)	1 Le	_____
1017 Haral Place, Haddontown, Haddonfield, N. J.			

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
V			
VanALPHEN, Robert Jan	(Page 58)	316 B	_____
Fernandez Espiro 787, San Isidro, Buenos Aires, Argentina			
VanARKEL, Thomas	(Page 44)	Day	_____
5 College Circle, Haverford, Pa.			
VanDUSEN, Derek B.	(Page 50)	24 Le	_____
606 W. 122nd St., New York 27, N. Y.			
VASTINE, John R.	(Page 50)	313 F	_____
901 N. Orange St., Shamokin, Pa.			
VERNON, Steven K.	(Page 66)	313 B	_____
1226 Knox Rd., Wynnewood, Pa.			
W			
WALKER, David J.	(Page 66)	32 SH	_____
94 Hudson St., South Glens Falls, N. Y.			
WALLING, William E.	(Page 66)	9 FH	_____
2130 Middle Fork Rd., Northfield, Ill.			
WEBER, William F.	(Page 50)	3 Le	_____
1007 McCeney Ave., Silver Spring, Md.			
WEDNER, Marc R.	(Page 58)	25 SH	_____
5436 Northumberland St., Pittsburgh 17, Pa.			
WEIDMAN, Robert O.	(Page 51)	64 Ll	<u>9-2194</u>
5415 Dorset Ave., Chevy Chase 15, Md.			
WEIGERT, Martin G.	(Page 44)	102d Le	_____
4954 Brandywine St., N.W., Washington 16, D. C.			
WEIL, Jonathan S.	(Page 58)	94 Ll	_____
16850 S. Woodland Rd., Shaker Heights 20, Ohio			
WEIL, Michael R.	(Page 66)	119 B	_____
2929 Paxton Road, Shaker Heights 20, Ohio			
WENZEL, Richard P.	(Page 66)	117 B	_____
515 E. Willow Grove Ave., Wyndmoor, Philadelphia 18, Pa.			
WEST, William N., IV	(Page 51)	81 Ll	_____
141 Gray's Lane, Haverford, Pa.			
WHITE, Elijah B., III	(Page 51)	316 F	_____
Leesburg, Virginia			
WILKERSON, Hugh L.	(Page 66)	108 B	<u>9-3641</u>
3 Meadowbrook Rd., Needham, Mass.			
WILLS, Daniel C.	(Page 44)	8 Le	_____
40 Cross St., Westerly, R. I.			
WILLS, John W., Jr.	(Page 66)	Day	_____
6907 Henley St., Philadelphia 19, Pa.			
WING, Nathaniel	(Page 51)	217 B	_____
Peaceable St., Georgetown, Conn.			
WINTER, Donald P.	(Page 44)	61 Ll	_____
110 Poplar Drive, Pittsburgh 28, Pa.			
WOLDORF, Norman M.	(Page 58)	31 YH	_____
1002 Duncan Ave., Yeadon, Pa.			
WOLF, Edwin D.	(Page 58)	Day	_____
9189 Germantown Ave., Philadelphia 18, Pa.			
Local: 414 Berkeley Rd., Haverford, Pa.			

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
WOLFF, Peter	(Page 51)	323 F	_____
70 Haven Ave., New York 32, N. Y.			
WOLFINGER, Howard L., Jr.	(Page 51)	205 B	_____
261 Apple Drive, Greencastle, Pa.			
WOLLSTADT, Roger D.	(Page 44)	56 Ll	<u>2-4117</u>
87 Elm St., Maplewood, N. J. (od P.O.), N. J.			
WOOD, Richard K.	(Page 58)	323 F	_____
431 E. 20th St., New York 10, N. Y.			
WOOTTON, Russell W.	(Page 59)	204 B	_____
R. D. #1, New Hope, Pa.			
WRIGHT, Arthur W.	(Page 59)	92 Ll	<u>2-3552</u>
49 Ferguson Ave., Broomall, Pa.			
WRIGHT, Ralph T.	(Page 59)	22 Ll	_____
406 Seminole Drive, Erie, Pa.			
Y			
YAMADA, Ryuzo (Spec.)	(Page 51)	414 B	_____
976 Yoyogi - Nishiharacho, Shibuyaku, Tokyo, Japan			
YOUNG, Frank H.	(Page 66)	214 B	_____
38 Hawthorne Ave., Princeton, N. J.			
Z			
ZAPF, S. Erik	(Page 51)	64 Ll	<u>9-2194</u>
517 Lanfair Rd., Melrose Park, Pa.			
ZIEGENFUSS, Jay F., Jr.	(Page 66)	209 B	_____
1503 Spring Ave., Noble, Jenkintown, Pa.			

STUDENTS' PICTURES

**Arranged
alphabetically
by classes**

This section arranged
by Students' Council





M. Asensio



T.A. Benham



R. Butman



J. Cary



G. Coelho



F.D. Comfort



H. Comfort



B. Cooper



J.L. Curtis



W. Docherty



T. Drake



J. Flight



M. Foss



M. Gordon

F
A
C
U
L
T
Y



L. Green



M. Gutwirth



F. Haviland



D. Heath



T. Hetzel



C. Holmes



H. Hunter



T. Hurlimann



A. Lemonick



J. Lester



A. Lowey



W. MacCaffery



A. MacIntosh



R. Mays



J.B.R. Miller



S. Muller



C. Oakley



F.A. Parker



C. Perry



H. Pfund



L. Post



P. Quinn



R. Randall



W.R. Reese



E.S. Rose



M. Santer



R. Sargent



A.W. Satterthwaite



A. Scott



Anne Scott



H. Somers



D. Steere

F
A
C
U
L
T
Y



A. Swan



H. Teaf



R.I. Walter



R.R. Williams



N. Wilson



R. Wisner



K. Woodroofe



L. Wylie

S
E
N
I
O
R
S



A. Acton



C. Adams



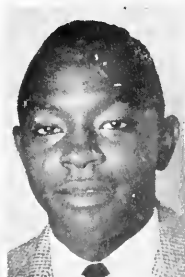
J.F. Adams



I. Adams



P.L. Aiken



T.M. Baker



M.N. Barnert



R.J. Benjamin



W.C. Bertolet



J.L. Boyer



E.L. Bradley



A.G. Buck



J.G. Bucy



P.G. Cable



W.B. Carragan



L. Christmas



L.H. Clark



F. Conroy



J.F. Crawford



R.L. Crist



W.J. Dane



S. Duff



D. Edsall



D.W. Ellis

SENIORS



G.W. Ellison



M. Fogel



B. Friedman



K.L. Geist



L.M. Gelser



D.J. Gibson



A. Gold



N. Greenleaf



L. Halstead



R.B. Hardy



G.D. Gunster



J.J. Harkins



E.J. Harrison



R. Hill



J.D. Holmes



R.J. Hopper



M. Hoppin



G. Hurchalla



M.W. Humphreys



R.T. Hunt



M.A. Johnson



A.S. Joslyn



H.R. Kaback



R. Kelly



D.S. Kerr



N.R. Klinman



C.A. Knight



E.G. Koskoff



R.L. Krause



C.N. Kunz



H. Kurzman



D. Lenfest

S
E
N
I
O
R
S



L. Lutherer



E. Macon



T. Maddock



T. Medsger



J. Meyer



J. Mohr



H.S. Monkemeyer



J. Montgomery



H. Musser



K. Nolte



D. Nowlis



D. Parker



F. Pennell



H. Phillips



H. Platt



H. Price



L. Price



B. Ralph



M. Randall



J. Reill



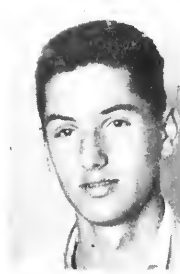
J. Riegl



P. Rockwell



P. Rodewald



M. Holoff



S. Sarnoff



W. Sayles



E. Schoonover



R. Schramm



R. Shulte



E. Smith



E. Squires



T. Steele

S
E
N
I
O
R
S



C. Thomas



E.J. Thorpe



J. Tilley



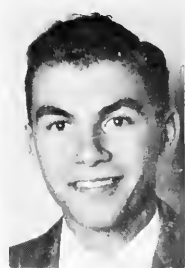
T. VanArkel



M. Weigert



D. Wills



D. Winter



R. Wollstadt

J
U
N
I
O
R
S



H. Alexander



S. Barnes



F. Bertolet



E. Bingham



E. Bomar



G. Brewster



M. Brown



B. Campbell



D. Char



D. Clemson



R. Colburn



A. Concors



J. Cooper



J. Coulthurst



P. Curtis



P. Nelson



F. Dietrich



W. Dorsey



P. Eidenberg



H. Engelhart



A. Fisher



G. Fite



J. Forbes

J
U
N
I
O
R
S



W. Fullard



M. Goggin



R. Gould



D. Grambs



A. Green



W. Green



J. Gresimer



L. Griffith



J. Hecht



E. Heiman



h. Horn



J. Hornbaker



H. Horwitz



C. Howard



C. Hurd



G. Hyatt



P. Jackson



A. Johnson



M. Kaback



W. Kaegi



D. Kain



J. Katawitz



P. Kittner



R. Kriel



D. Lauve



R. Lederer



J. Lee



H. Leesser



G. Liechty



V. Ligvori



W. Lindeman



A. Long

J
U
N
I
O
R
S



J. Lowenthal



F. Lyman



J. Mamana



G. Marsden



L. Maud



W. McLeod



P. Meade



F. Merz



B. Michner



J.D. Miller



J.P. Miller



J. Morris



J. Noyes



P. Norris



H. Ogden



R. Patrick



N. Peck



M. Phillips



H. Phillips



R. Porter



C. Pursel



E. Rice



P. Rignall



D. Rivers



T. Robinson



D. Scarborough



R. Schear



D. Scholl



F. See



D.M. Segal



A. Sharp



F. Shaw



T. Sheldon



L. Sherk



J. Smith



G. Spangler



P. Steward



D. Stone



J. Stone



W. Taylor



M. Teem



C. Thorne



J. Tobias



S. Tubis



J. Vastine



D. VanDusen



T. Weber



R. Weeks



R. Weidman



W. West



E.B. White



N. Wing



P. Wolff



H. Wolfinger



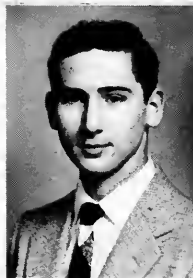
R. Yamada



H. Yood



E. Zapf



W.S. Comanor



R. Albright



E. Alderson



G. Alexander



R. Allen



W. Andrews



P. Arnow



J. Baker



A. Ballard



A. Bauer



G. Behling



P.P. Blackburn



J. Blanchard



R. Bluestein



E. Boice



A. Bradley



R. Brobyn



F. Bullard



J. Carlin



G. Carpenter



W. Chace



A. Clark



J. Cohan



J. Coker



R.L. Coles



J. Collett



C. Conn



D. Cook



R. Cornwell



A. Dahlberg



J. David



J. DeJong



T. Del Bello



T. Duff



J. Emlen



L. Forman



J. Fulkerson



W. Fuller



A. Garrett



M. Gary



P. Gerdine



M. Goggin



F. Harvey



R. Harvey



G. Haworth



J. Hayter



R. Miller



W. Houston



P. Howard



W. Howard



J. Howe



J. Hurford



R. Iserman



W. Jones



J. Korper



W. Kaufman



C. Klingenmaier



M. Kohn



N. Lary



G. Leonard



G. Levin



T. Lewis



C. Lipton



J. Lo Cicero



E. Longbotham



J. Macort



R. Margie



G. McCurdy



D. McKelvey



R. Mermin



R. Miller



T. Miller



D. Morgan



J. Morrissey



W. Muller



W. Murray



D. Nelson



D. Newcomb



C. Osgood



G. Olsen



G. Parker



H. Pelouse



E. Pierce



J. Pine



J. Ramey



W. Ray



G. Raymond



D. Rhoads



J. Rogers



C. Roberts



J. Rogers



D. Rondthaler



D. Rosenbaum



C. Russell



L. Schramm



F. Schulze



S. Shapiro



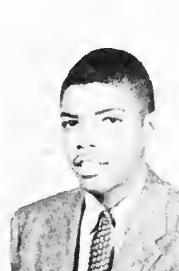
A. Sheitelman



J. Sheperd



D. Shivers



P. Sinclair



J. Smith



B. Speer



F. Speller



A. Stein



L. Stevenson



D. Stites



D. Summers



R. Teitelbaum



Threadgill



J. Ungerleider



R. Van Alphen



M. Wedner



J. Weil



N. Woldorf



E. Wolf



R.K. Wood



R. Wootton



A. Wright



R. Wright



R. Abrams



G. Adams



J. Adams



L. Allen



C. Alving



M. Anderson



J. Andrews



A. Armstrong



T. Arny



T. Beggs



D. Belsley



R. Bessine



H. Bonner



N. Book



R. Boshes



D. Bowen



M. Briod



S. Brooks



P. Brown



D. Challis



W. Craig



A. Cucinotta



I. Davidson



D. Decker



F. DeNie



W. Dent



O. DeRis



T. Downs



W. Edgar



J. Elkins



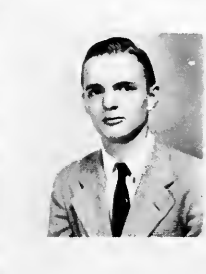
N. Emery



C. Fauntleroy



E. Fenander



G. Fernsler



P. Fox



R. Freedberg



F. Furstenberg



D. Gass



G. Gibson



R. Gillmore



O. Goodman



J. Gould



H. Gray



M. Griffith

F
R
E
S
H
M
E
N



W. Grose



R. Groves



D. Hanson



E. Hatch



H. Helsinger



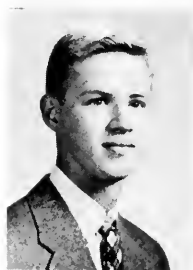
T. Henderson



H. Hetzel



E. Hoffman



S. Holsoe



B. James



P. Jernquist



S. Jones



A. Karush



K. Kelly



C. Kimmich



S. Klineberg



D. Knight



G. Kovacsics



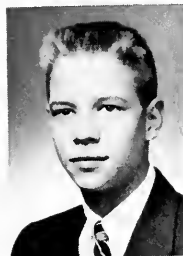
P. Lane



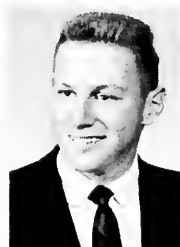
J. Larson



M. Lehfeltd



A. Linthicum



R. Lockey



J. Mandell



J. MacBride



R. Martin



J. Masland



N. Matchett



R. Mathews



H. McLean



E. Mechling



M. Meyers

F
R
E
S
H
M
E
N



S. Miller



R. Parker



A. Paskow



J. Pendleton



V. Petrus



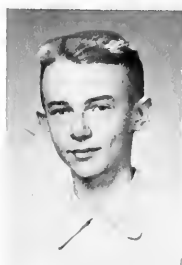
D. Pierson



R. Quinter



S. Ramseyer



W. Read



E. Reiner



G. Rhoads



E. Ritter



K. Roberts



H. Shambelan



L. Scott



S. Shafer



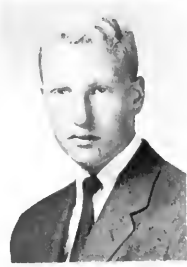
F. Shelton



C. Shillock



M. Showe



E. Silverblatt



J. Smillie



J. Smith



L. Smith



T. Souders



W. Speakman



G. Stein



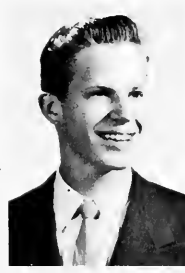
A. Stifler



F. Stokes



R. Stowe



F. Swan



J. Swift



H.E. Taylor

F
R
E
S
H
M
E
N



H.N. Taylor



M. Thompson



A. Tillis



K. Trabert



S. Vernon



D. Walker



W. Walling



M. Weil



R. Wenzel



H. Wilkerson



J. Wills



F. Young



J. Ziegenfuss



R. Ortman

Students arranged by Class in which they are
enrolled during the first semester of 1957-1958.

FRESHMAN CLASS

Abrams, Robert	Goodman, Oscar B.	Petrus, Valentine M.
Adams, Gordon W.	Gould, John W.	Pierson, Daniel H.
Adams, Jack R.	Gray, Harold S.	Quinter, Ralph D., III
Allen, James W. Linn	Griffith, Martin G.	Ramseyer, Stephen F.
Alving, Carl R.	Grose, William R., II	Read, William C.
Anderson, Marc B.	Groves, Roger L.	Reiner, Edward
Andrews, Edson James	Hanson, David P.	Rhoads, George G.
Armstrong, Alan W.	Hatch, Edward L.	Ritter, Eugene K., Jr.
Arny, Thomas T.	Helsingier, Howard M.	Roberts, Kurt W.
Beggs, Thomas A.	Henderson, Thomas	Schambelan, Howard L.
Belsley, David A.	Hetzel, Henry T.	Scott, Leighton R.
Besdine, Richard W.	Hoffman, Erik P.	Shafer, Stephen J.
Bonner, Hugh Jr.	Holsoe, Svend E.	Shelton, Frank W.
Book, Norman I. Jr.	James, Robert B.	Shillock, John C., III
Boshes, Roger A.	Jernquist, Peter B.	Showe, Michael K.
Bowen, David R.	Jones Stark G.	Silverblatt, Edward R.
Briod, Marc E.	Karush, Arnold D.	Smillie, James B.
Brooks, Stanley A.	Kelly, Charles R.	Smith, Jere P.
Brown, Peter G.	Kimmich, Christoph M.	Smith, Lewis F.
Challis, David J.	Klineberg, Stephen	Souders, Thomas B.
Craig, William A.	Knight, Donald D.	Speakman, William H. III
Cucinotta, Anthony J.	Kovacsics, Gyula	Stein, George H., Jr.
Davidson, Ian H.	Lane, Peter O.	Stifler, Andrew T.
Decker, Douglas A., Jr.	Larson, Jeffry K.	Stokes, Francis J. III
De Nie, Frans M.	Lehfeldt, Martin C.	Stowe, Richard W.
Dent, Walter J.	Linthicum, Alexander	Swan, Frederick C.
de Ris, Conrad Owen	Lockey, Richard F.	Swift, John K.
Dohan, Michael R.	MacBride, James R.	Taylor, Harold E.
Downs, Charles T.	Mandell, Jon M.	Taylor, Hollinshead N.
Edgar, William H.	Martin, Robert L.	Thompson, Mark E.
Elkins, Joseph Jr.	Masland, James G., Jr.	Tillis, Alan C.
Emery, Natt M. III	Matchett, Noel D.	Trabert, Kenneth K.
Fauntleroy, Carl N., Jr.	Mathews, Robert G., Jr.	Vernon, Steven K.
Fenander, Elliott W.	McLean, Hugh C.	Walker, David J.
Fernsler, George L., Jr.	Mechling, Edward A., II	Walling, William E., Jr.
Fox, Peter D.	Meyers, Norman M.	Weil, Michael R.
Freedberg, Richard G.	Miller, Shelby C.	Wenzel, Richard P.
Furstenberg, Frank F., Jr.	Ortman, Robert A.	Wilkerson, Hugh L.
Gass, Darwin X. II	Parker, Robert M.	Wills, John W., Jr.
Gibson, George A.	Paskow, Alan K.	Young, Frank H.
Gillmor, Richard P.	Pendleton, James N.	Ziegenfuss, Jay F., Jr.

SOPHOMORE CLASS

Albright, Randall L.	Bradley, Keith W.	Dahlberg, Albert E.
Alderson, Evan W.	Brobyn, Robert J. F.	David, Joseph H.
Alexander, Gregory G	Bullard, Truman C.	De Jong, John G.
Allen, Russel G. Jr.	Carlin, James F. Jr.	Duff, Thomas A.
Andrews, Willard E.	Carpenter, George G.	Emlen, John M.
Arnow, Peter L.	Chace, William M.	Forman, Lawrence T.
Baker, John D.	Clark, Allen M.	Fulkerson, Joseph G.
Ballard, Alexander, Jr.	Coker, John W.	Garrett, Alfred C.
Behling, George R.	Coles, Robert L.	Gary, Melvin L.
Blackborn, Paul R. III	Collett, Jonathan H.	Gerdine, Philip V. Jr.
Blanchard, James T.	Conn, Coulson A.	Goggin, Malcolm L.
Bluestein, Richard	Cook, Daniel J.	Harvey, Frank L. III
Boice, Edward. Jr.	Cornwell, Robert G.	Haworth, Gary N.

SOPHOMORE CLASS

Hayter, John B.
 Hillier, Richard D.
 Hoen, Theodorus N.
 Howard, Peter B.
 Howard, William J.
 Howe, John S. Jr.
 Hurford, John B.
 Iserman, Robert
 Jones, William W.
 Kaufman, Malcolm E.
 Klingenmaier, Charles H.
 Kohn, Michael H.
 Korper, Jon S.
 Lary, Nikita M.
 Leonard, Gerry W.
 Levin, Gerald M.
 Lewis, Timothy
 Lipton, Charles S.
 Lo Cicero, Joseph C. Jr.
 Longbotham, Edward M. Jr.
 Macort, John G. Jr.
 Margie, Robert P.
 McCurdy, Glenn A.
 McKelvey, Donald B.

Mermin, Richard S.
 Miller, Robert S.
 Miller, Thomas W. C.
 Morgan, David W.
 Muller, Werner E. Jr.
 Murray, Wallace A. Jr.
 Newcomb, Benjamin H.
 Olsen, Gary K.
 Osgood, Charles F.
 Parker, George G.
 Pierce, Edward E. III
 Putnam, Kendrick W.
 Pyke, John S. Jr.
 Ramey, John A.
 Ray, William B. Jr.
 Raymond, Geoffrey H.
 Rhoads, David G.
 Rhoads, Jonathan E. Jr.
 Roberts, Charles C.
 Rogers, Joseph E. Jr.
 Rondthaler, David L.
 Rosenbaum, David H.
 Russell, Gregory R.
 Schramm, Lawrence P.
 Schulze, Frederick C. Jr.

Shapiro, Stephen S.
 Sheitelman, Abraham L.
 Shepherd, John E. Jr.
 Shivers, David
 Sinclair, Paul F.
 Smith, Jonathan Z.
 Speer, Brownlow M.
 Stein, Adam
 Stevenson, Leland E. Jr.
 Stites, Daniel P.
 Summers, Dudley W.
 Talbot, David N.
 Teitelbaum, Richard
 Threadgill, Francis D. Jr.
 Van Alphen, Robert
 Van Dusen, Derek B.
 Wedner, Marc R.
 Weil, Jonathan S.
 Woldorf, Norman M.
 Wolf, Edwin D.
 Wood, Richard K.
 Wootton, Russel W.
 Wright, Arthur W.
 Wright, Ralph T.

JUNIOR CLASS

Alexander, Henry J.
 Barnes, Sidney B. Jr.
 Bertolet, Frederick C.
 Bingham, William R. Jr.
 Bolgiano, Duane R.
 Brewster, John G.
 Brown, Edwin G.
 Brown, William M.
 Campbell, Bruce D.
 Char, David C.
 Clemson, Daniel M.
 Colburn, Robert M.
 Comanor, William S.
 Concors, Alan J.
 Cooper, James D.
 Coulthurst, John
 Curtis, Richard W.
 Davis, Peter N.
 Dietrich, Frank S. Jr.
 Dorsey, William A. III
 Eidenberg, Peter J. III
 Engelhardt, Hans W.
 Fischer, Allen C.
 Fite, George W.
 Forbes, John D.
 Fullard, William G. Jr.
 Goggin, Myron G.
 Gould, Richard G.
 Grambs, David L.
 Green, Alexander A.
 Green, Willard P.
 Gresimer, John D. II
 Griffith, Lawrence S.

Hecht, Jeffrey K.
 Heiman, Elliott M.
 Hobaugh, Richard L.
 Horan, David E.
 Hornbaker, John H. Jr.
 Horwitz, Henry G.
 Howard, Charles B.
 Hyatt, Garry
 Jackson, Donald R.
 Johnson, Alan E.
 Kaback, Michael M.
 Kaegi, Walter E. Jr.
 Kain, David H.
 Katowitz, James A.
 Kittner, Philip J.
 Kriel, Robert L.
 Lathrop, Robert G.
 Lauve, Donald L.
 Lederer, Richard H.
 Lee, James O.
 Leeser, Harry M.
 Liechty, Gordon A.
 Liguori, Victor A.
 Long, Anthony B.
 Lowenthal, Joel R.
 Mamana Joseph M. Jr.
 Marsden, George M.
 Maud, Lawrence C.
 McLeod, Hugh W.
 Meade, Price C.
 Merz, Frederick H.
 Michener, Bryan P.
 Miller, John D.

Miller, John P.
 Morris, James H.
 Moyes, James R.
 Norris, Paul E.
 Ogden, Hugh S.
 Patrick, Richard B.
 Peck, Newton T. Jr.
 Phillips, Henry A.
 Phillips, Michael H.
 Porter, Robert R. Jr.
 Pursel, Charles B.
 Rice, Emery V.
 Rignall, Raymond H. Jr.
 Rivers, David B.
 Robinson, Theodore A.
 Scarborough, Donald A.
 Schear, Richard D.
 Scholl, Donald B.
 See, Fred G.
 Segal, Don M.
 Sharp, Alexander B.
 Shaw, Frederick H.
 Sheldon, Timothy M.
 Sherk, Larry W.
 Smith, John K.
 Spangler, George M. Jr.
 Steward, Palmer G.
 Stockebrand, William J.
 Stone, John W.
 Taylor, William G.
 Teem, Martin V.
 Thorne, Charles G., Jr.
 Tobias, Joel A.

JUNIOR CLASS

Tubis, Stuart H.
Vastine, John R.
Weber, William F.
Weidman, Robert O.

West, William N. IV
White, Elijah B. III
Wing, Nathaniel

Wolff, Peter
Wolfinger, Howard L. Jr.
Zapf, Erik

SENIOR CLASS

Acton, Alfred
Adams, Charles S.
Adams, John F.
Adams, M. Ian
Aiken, Paul L. Jr.
Baker, T. Nelson, III
Barnert, Nyles N.
Benjamin, Robert S.
Berlin, Cheston M., Jr.
Bertolet, William C.
Boyer, James L.
Bradley, Edward L. Jr.
Buck, Alfred S.
Bucy, James G.
Cable, Peter G.
Carragan, William D.
Christmas, Lawrence B.
Clark, Laurence H.
Conroy, Frank
Crawford, John F.
Crist, Robert L.
Dane, Henry J.
Duff, Stewart M.
Edsall, David T.
Ellis, David W.
Ellison, George H.
Fogel, Michael R.
Foshay, John M.
Friedman, Burton
Gallagher, Laurence R.
Geist, Kenneth L.
Gelser, Leigh M.
Gibson, David J.
Gold, Allan
Greenleaf, Newcomb

Gunster, Gerald D.
Halstead, Lauro S.
Hardy, Roger B.
Hargadon, Frederick A.
Harkins, John J.
Harrison, Eric J.
Hershey, John W.
Hill, Richard M.
Hoffman, David L.
Holmes, James D.
Hopper, Robert J.
Humphreys, Marvin W.
Hunt, Peter T.
Hurchalla, George
Johnson, Myles A.
Joslyn, Allen S.
Kaback, Howard R.
Kelly, Richard M.
Kerr, Douglas S.
Klinman, Norman
Knight, Charles A.
Koskoff, Eric G.
Krause, Robert L.
Kunz, Carl N. Jr.
Kurzman, Harold P. Jr.
Lenfest, David S.
Lutherer, Lorenz O.
Macon, Edwin J.
Maddock, Thomas, II
Medsger, Thomas A. Jr.
Meyer, Jean-Charles
Mohr, Jay P.
Monkemeyer, Herbert S.
Montgomery, J. Langford Jr.
Musser, Harold E. Jr.

Myers, Joseph W.
Nolte, Kemble P.
Nowlis, David P.
Parker, Daniel E.
Pedrick, Perkins C.
Pennell, Franklin H., Jr.
Phillips, Harvey E.
Platt, Hermann K.
Pratt, Robert G.
Price, Hollis F. Jr.
Price, Leighton A.
Ralph, Boyd G.
Randall, Mark H.
Reill, James H.
Richie, David A.
Riegl, Jan A.
Rockwell, Peter B.
Rodewald, Paul G. Jr.
Rolloff, Michael W.
Sarnoff, Stephen B.
Sayles, William A.
Schoonover, Eric T.
Schramm, Richard E.
Shultz, Robert L.
Smith, Earl J.
Squires, Edward C.
Steele, Thomas H.
Thomas, Charles H. Jr.
Thorpe, Edward J.
Tilley, Jon P.
van Arkel, Arthur T.
Weigert, Martin G.
Wills, Daniel C.
Winter, Donald P.
Wollstadt, Roger D.

SPECIAL STUDENTS

Gault, Pierre-Jacques M.

Kuhn, Dieter

Yamada, Ryuzo

GRADUATE STUDENT

Leger, Francois Trev.

COMMENCEMENT

1957

PRIZES

The Clementine Cope Fellowships for 1957-58
for graduate study at another institution
have been awarded to

MARC FRED ABRAMSON, 1957, First
ROBERT WILSON NOYES, 1957, Second

The Mathematics Department Prizes for Freshmen

First Prize.....DAVID W. MORGAN, 1960
Second Prize.....ROBERT S. MILLER, 1960

The Alumni Prize for Composition and Oratory
has been awarded to

BROWNLOW M. SPEER, 1960

The Scholarship Improvement Prizes for two Seniors who have shown
the most steady and marked improvement in scholarship during the
college course have been awarded as follows:

First Prize.....EDWARD STEVEN FAIRFIELD, JR., 1957
Second Prize.....THOMAS ASTLEY COOPER, 1957

The Class of 1896 Prizes in Latin and Mathematics
for Sophomores have been awarded to

ELIJAH B. WHITE, III, 1959, Latin
FREDERICK C. BERTOLET, 1959, Mathematics

The Lyman Beecher Hall Prize in Chemistry
for Juniors, Seniors, or Graduates, within three years of
graduation who expect to engage in research has been awarded to

LOUIS ROGERS MATLACK, 1957

The Founders Club Prize for the Freshman who has shown the best attitude toward college activities and scholastic work has been awarded to

BROWNLOW M. SPEER, 1960

The William Ellis Scull Prize
for the upperclassman who shall have shown the
"greatest achievement in voice and the articulation
of the English Language" has been awarded to

KENNETH L. GEIST, 1958

The George Peirce Prize in Chemistry or Mathematics offered exclusively for students who expect to engage in research has been awarded to

JOHN B. GRUBER, 1957

The Class of 1902 Prize in Latin
has been awarded to

CHARLES S. LIPTON, 1960

The William W. Baker Prize in Greek
has been awarded to

WALTER E. KAEGI, JR., 1959

The Newton Prize in English Literature
on the basis of Final Honors in English
has been awarded to

THOMAS H. HELMSTADTER, 1957

The S. P. Lippincott Prize in History
has been awarded to

WALTER E. KAEGI, JR., 1959

The Edmund Jennings Lee Prize, for that student organization which has done most to advance the interests of Haverford College during the current academic year has been awarded to

PEACE ACTION FELLOWSHIP

The Varsity Cup is awarded to the member of the Senior Class who excels in Leadership, Sportsmanship and Athletic Ability

PAUL DONALD HOPKINS, 1957

HONOR SOCIETIES

PHI BETA KAPPA SOCIETY

The following members of the graduating class
were elected during their Junior year

MARC FRED ABRAMSON
ANTHONY GUY AMSTERDAM
RICHARD LEWIS COHEN
AKIRA IRIYE
ROBERT WYLLIE KILPATRICK
ROBERT WILSON NOYES
HENRY MALCOLM THOMAS, III

elected during their Senior year

HARRY RODMAN ALLEN
ANTHONY GRAYUM BING
CHARLES VICTOR BROWN
KENNETH ROY CALKINS
JONATHAN ABRAHAM GALLANT
JOHN BALSBAUGH GRUBER
LOUIS ROGERS MATLACK
JAMES PETER MELONEY
RALPH CORNELIUS SANSON, JR.
WILLIAM DAVID STINE
DANIEL WHEELER SWIFT

The following members of the Junior Class
have been elected

ROBERT LEONARD KRAUSE
JAMES HENRY REILL

The following Alumnus was elected a member as
"Fifteen Year Honor Man"

KENNETH JOSEPH FOREMAN, JR., 1942

The following member of the Faculty was
elected an Honorary Member

ALFRED JULIUS SWAN

FOUNDERS CLUB

The following persons were elected for merit in both studies and college activities:

During 1955

LOUIS ROGERS MATLACK, 1957

During 1956

PHILLIP M. FORMAN, 1957

WILLIAM W. MOSS, III, 1957

JOHN R. SCHOTT, 1957

HENRY M. THOMAS, III, 1957

DAVID L. WILLCOX, 1957

During 1957

ANTHONY G. BING, 1957

BLAINE L. BLOCK, 1957

CHARLES V. BROWN, JR., 1957

MICHAEL B. DONHAM, 1957

DAVID W. ELLIS, 1958

JAMES DALZIEL HOLMES, 1958

THOMAS A. MEDSGER, JR., 1958

ERIK B. MEZGER, 1957

WILLIAM L. NEWMAYER, III, 1957

RICHARD V. WAGNER, 1957

PETER K. C. ZAVITZ, 1957

FACULTY MEMBERS:

THOMAS A. BENHAM

NORMAN B. BRAMALL

CLARENCE E. PICKETT

WILLIAM H. REESE

DOUGLAS V. STEERE

HONORS

HIGHEST HONORS

ANTHONY G. AMSTERDAM, 1957.....	French
AKIRA IRIYE, 1957.....	History
ROBERT WILSON NOYES, 1957.....	Physics

HIGH HONORS

ANTHONY GRAYUM BING, 1957.....	English
RICHARD LEWIS COHEN, 1957.....	Mathematics
JONATHAN A. GALLANT, 1957.....	Biology
WARREN BERNARD HECHT, 1957.....	Biology
HENRY BROWN HOOVER, JR., 1957.....	Music
ROBERT WYLIE KILPATRICK, 1957.....	Economics
LOUIS ROGERS MATLACK, 1957.....	Chemistry
JOHN ROBERT SCHOTT, 1957.....	History/English
WILLIAM DAVID STINE, 1957.....	Philosophy
DANIEL WHEELER SWIFT, 1957.....	Physics

HONORS

MARC FRED ABRAMSON, 1957.....	Chemistry
JOHN A. BERNSTEIN, 1957.....	English
CHARLES VICTOR BROWN, JR., 1957.....	Political Science
RICHARD LEWIS COHEN, 1957.....	Physics
PHILLIP MARVIN FORMAN, 1957.....	Chemistry
JAY STANFORD GOODMAN, 1957.....	Chemistry
JOHN BALSBAUGH GRUBER, 1957.....	Chemistry
HANS LORENZ HAMESTER, 1957.....	Chemistry
THOMAS H. HELMSTADTER, 1957.....	English
ROLLAND H. HENDERSON, 1957.....	Engineering
CHARLES S. MACK, 1957.....	Political Science
JAMES PETER MELONEY, 1957.....	Philosophy
LORENZO W. MILAM, 1957.....	English
LINCOLN DENTON PAINE, 1957.....	French
PETER MICHAEL PANKEN, 1957.....	Political Science
RALPH CORNELIUS SANSON, JR., 1957.....	Sociology
EDWARD JOSEPH STEVENS, 1957.....	Economics
THOMAS UNGER, 1957.....	Biology
ERNEST REED WILBUR, 1957.....	Engineering
DAVID LAND WILLCOX, 1957.....	Political Science

HONORABLE MENTION

ALFRED ACTON, 1958.....	Latin 23, 24
NYLES N. BARNERT, 1958.....	Mathematics 21
FRANK SIGEL DIETRICH, JR., 1959.....	English 11-12
HANS W. ENGLEHARDT, 1959.....	English 11-12
HANS W. ENGLEHARDT, 1959.....	Philosophy 21-22
JOHN B. HAYTER, 1959.....	German 11-12
ELLIOTT M. HEIMAN, 1959.....	English 11-12
WALTER E. KAEGI, 1959.....	German 12
WALTER E. KAEGI, 1959.....	History 29-30
RICHARD H. LEDERER, 1959.....	English 11-12
JOEL R. LOWENTHAL, 1959.....	English 11-12
JOEL R. LOWENTHAL, 1959.....	History 29-30
FREDERICK H. MERZ, 1959.....	English 11-12
KENDRICK W. PUTNAM, 1960.....	French 12
FREDERICK C. SCHULZE, JR., 1960.....	German 11-12
GEORGE M. SPANGLER, 1959.....	English 11-12
DONALD A. STONE, JR., 1959.....	German 13-14
STUART H. TUBIS, 1959.....	English 11-12
ELIJAH B. WHITE, III, 1959.....	Latin 11-12

BACHELORS OF ARTS

MARC FRED ABRAMSON	EDWARD STEVEN FAIRFIELD, JR.
HARRY RODMAN ALLEN	HENRY MOSELEY FARRELL
PAUL R. ALLEN, JR.	LAWRENCE C. FERGUSON, JR.
ANTHONY G. AMSTERDAM	PHILLIP MARVIN FORMAN
MASON BARR, JR.	ROGER SHERMAN FOSTER, JR.
JOHN ALBERT BERNSTEIN	JAMES BICHENO FRANCIS, JR.
ANTHONY GRAYUM BING	JAY STANFORD GOODMAN
BLAINE LEE BLOCK	DILLER BAER GROFF, III
CHARLES VICTOR BROWN, JR.	PAUL MALLORY HABERLAND
KENNETH ROY CALKINS	THOMAS BIDDLE HARVEY, JR.
ROBERT CARROLL CHALLENGER	PAUL ROBBINS HAVILAND, JR.
GAIL ELLSWORTH CHANDLER	WARREN BERNARD HECHT
MURRAY THOMAS CHARLSON	MICHAEL MORRIS HEEG
PIERRE CLAVEL	THOMAS HICKS HELMSTADTER
RICHARD LEWIS COHEN	HENRY BROWN HOOVER, JR.
THOMAS ASTLEY COOPER	FLOYD EUGENE HUDSON
JOHN GARRETT COPE	ROBERT WARD HUNT
CLIVE R. CORONEOS	AKIRA IRIYE
ARTHUR COWEN, III	STANLEY B. JOHNSON, III
DONALD ARTHUR CRANE	THOMAS JOSEPH JOYCE, JR.
ROBERT WARNER DENSFORD, II	ROBERT WYLIE KILPATRICK
WILLIAM PAUL DOHERTY, II	ALAN B. LACHMAN
MICHAEL BRETT DONHAM	ROBERT WEST LEEDS, JR.

BACHELORS OF ARTS *continued*

JOEL MELVIN LEVIN	RALPH C. SANSON, JR.
ROBERT JOHN LINDEMAN	JOHN ROBERT SCHOTT
WILLIAM HERBERT LONG, III	RICHARD BELL SMITH
CHARLES S. MACK	EDWARD JOSEPH STEVENS, III
LOUIS ROGERS MATLACK	WILLIAM DAVID STINE
DOUGLAS WALTER MEAKER	DONALD OSCAR STOVER
JAMES PETER MELONEY	DANIEL WHEELER SWIFT
ERIK BERTRAM MEZGER	HENRY M THOMAS, III
LORENZO WILSON MILAM	JOSEPH STEVEN TORG
JAMES P. MOODY, JR.	WILLIAM BLISS TYSON
SANFORD HIRAM MOSES, JR.	FRANK VERSACI, JR.
WILLIAM WARNER MOSS, III	RICHARD V. WAGNER
DANIEL W. NAUMAN	JOHN GILBERT WALLACE
WILLIAM LAWRENCE NEWMAYER, III	HOWARD LISTCOE WALTON
PAUL E. NICKEL	WILLIAM DAVID WARDE
ROBERT WILSON NOYES	JAMES NEWCOMB WHITNEY
LINCOLN DENTON PAINE	JACK NATHAN WILENTZ
PETER MICHAEL PANKEN	DAVID LAND WILLCOX
NEIL WALTON PLASS	CHARLES SCHILLER WINANS
ROBERT BARBER PRICE, JR.	HOWARD LOUIS WOLF
RICHARD CURTIS REHMEYER	WILLIAM ARTHUR YOST, III
PETER KIRK CORNELL ZAVITZ	

as of June 8, 1956

HAN VANMOURIK BROEKMAN	NEWELL BRACKETT MACK
NORMAN KALÉN	WILLIAM LAURENCE MOMSEN
THEODORE GEORGE KUMMER	ALEXANDER FOSTER SCOTT, JR.
ROBERT PAUL WALLACE	

BACHELORS OF SCIENCE

BENJAMIN A. DENT	ROLLAND H. HENDERSON
RICHARD T. T. FORMAN	PAUL DONALD HOPKINS
JONATHAN ABRAHAM GALLANT	GARY ITHAMAR KRAVIS
JOHN H. GRAY, III	WILLIAM MASSIE MURRAY
JOHN BALSBAUGH GRUBER	EDWARD HUGH PINE
HANS LORENZ HAMESTER	H. THOMAS UNGER
ERNEST REED WILBUR	

MASTER OF ARTS

PETER CARLETON GARDNER (B.A. Haverford)

THESIS: "A Theory of the Intergenerational Gap."

HONORARY DEGREES

JOHN SAEGER BRADWAY.....	Doctor of Laws
ALBERT BRANSON MARIS.....	Doctor of Laws
WILMOT RUFUS JONES.....	Master of Arts
IRVIN CORSON POLEY.....	Master of Arts

Issued quarterly by Haverford
College, Haverford, Pennsylvania

Entered as second-class matter November 2, 1944, at the Post
Office at Haverford, Pa., under the Act of August 24, 1912.

Printed in U.S.A.

LIBRARY OF
HAVERFORD COLLEGE

SEP 5 1958

HAVERFORD, PA.
HAVERFORD COLLEGE
BULLETIN



Catalog, 1958-59

VOLUME LVII

NUMBER ONE

July, 1958

Issued quarterly by Haverford
College, Haverford, Pennsylvania

Entered as second-class matter November 2, 1944, at the Post
Office at Haverford, Pa., under the Act of August 24, 1912.

Printed in U.S.A.

HAVERFORD COLLEGE BULLETIN



1958-1959

HAVERFORD, PENNSYLVANIA

Contents

College Calendar, 1957-58	5
Corporation	6
Board of Managers	7
Faculty	9
Administration	15
Standing Committees of the Faculty	16
College Program	17
History	20
Admission	23
College Entrance Board Tests	24
Advanced Standing	26
Financial Arrangements	27
Rooms	27
Expenses	27
College Responsibility	28
Monthly Payments	28
Student Loan Fund	29
Student Aid	29
Scholarships	30
Curriculum	36
General	36
Bachelor's Degree	36
Limited Electives	37
Free Electives	38
Non-Academic Electives	38
Major Concentration	38

Freshman Program	40
Preparation for Professions	41
Regulations	42
Conflicting Courses	42
Additional Courses	42
Audited Courses	42
Course Changes	42
Special Cases	43
Evaluation of Academic Performance	43
Intercollegiate Cooperation	43
Visitors and Lectures	44
Graduate Study	45
Admission to Candidacy for Master's Degree	45
Requirements	45
Courses of Instruction	47
Arts and Service Program	97
Student Government	100
Honor System	100
Student Committees	101
Student Organizations	101
Student Publications	103
Health Program	104
Library, Laboratories, and other Academic Facilities	105
Fellowships, Prizes and Honors	111
Alumni Association	117
Index	123

1958																
Sept.	S	M	T	W	T	F	S	Nov.	S	M	T	W	T	F	S	
		1	2	3	4	5	6									1
	7	8	9	10	11	12	13		2	3	4	5	6	7	8	
	14	15	16	17	18	19	20		9	10	11	12	13	14	15	
	21	22	23	24	25	26	27		16	17	18	19	20	21	22	
	28	29	30					23	24	25	26	27	28	29	30	
Oct.					1	2	3	4	Dec.		1	2	3	4	5	6
	5	6	7	8	9	10	11	7		8	9	10	11	12	13	
	12	13	14	15	16	17	18	14		15	16	17	18	19	20	
	19	20	21	22	23	24	25	21		22	23	24	25	26	27	
	26	27	28	29	30	31		28		29	30	31				

1959																
Jan.	S	M	T	W	T	F	S	Apr.	S	M	T	W	T	F	S	
					1	2	3					1	2	3	4	
	4	5	6	7	8	9	10		5	6	7	8	9	10	11	
	11	12	13	14	15	16	17		12	13	14	15	16	17	18	
	18	19	20	21	22	23	24		19	20	21	22	23	24	25	
	25	26	27	28	29	30	31		26	27	28	29	30			
Feb.	1	2	3	4	5	6	7	May						1	2	
	8	9	10	11	12	13	14		3	4	5	6	7	8	9	
	15	16	17	18	19	20	21		10	11	12	13	14	15	16	
	22	23	24	25	26	27	28		17	18	19	20	21	22	23	
									24	25	26	27	28	29	30	31
Mar.	1	2	3	4	5	6	7	June		1	2	3	4	5	6	
	8	9	10	11	12	13	14		7	8	9	10	11	12	13	
	15	16	17	18	19	20	21		14	15	16	17	18	19	20	
	22	23	24	25	26	27	28		21	22	23	24	25	26	27	
	29	30	31						28	29	30					

College days in heavy-face type.

Calendar

1958-59

New students arrive	Sept. 18
Registration of all new students	Sept. 22-23
Returning students arrive, Monday afternoon	Sept. 22
Beginning of College year with Collection 9 A.M.	Sept. 24
Registration of returning students to be filed by 4 P.M.	Sept. 24
First semester classes begin 8 A.M.	Sept. 25
Thanksgiving vacation begins 1 P.M.	Nov. 26
ends 8 A.M.	Dec. 1
Registration (Spring Term)	Dec. 9, 10, 11
Christmas vacation begins 4 P.M.	Dec. 19
ends 8 A.M.	Jan. 5
First semester classes end 4 P.M.	Jan. 15
All papers assigned must be turned in by 4 P.M.*	
Mid-year examinations (dates inclusive) **	Jan. 19-31
Second semester classes begin 8 A.M.	Feb. 2
Applications for Fellowships for the following year must be filed by	Mar. 1
Spring vacation begins noon	Mar. 28
ends 8 A.M.	Apr. 6
Applications for Scholarships	Apr. 15
Major Registration cards for men in the Fourth term must be filed by 4 P.M. ...	Apr. 15
Registration (Fall Term)	Apr. 28, 29, 30
Manuscripts in competition for prizes must be filed in the Registrar's Office by 4 P.M.	May 1
Second Semester classes end 12 noon	May 16
All papers assigned must be turned in by 4 P.M.*	
Senior Comprehensive Examinations (dates inclusive)	May 18-21
Final Examinations (dates inclusive) **	May 21-June 3
Commencement	June 5

* If a paper is assigned in place of the final examination in a course, the date by which it is due may be set by the instructor not later than 4 P.M. on Tuesday of the final week of the examination period, or for seniors in their final semester, noon on Monday of that week. Late papers will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean.

** Laboratory notebooks must be turned in not later than the scheduled time of the examination in the course. Late notebooks will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean. In courses which have no scheduled examination, notebooks must be turned in by 4 P.M. on Tuesday of the final week of the examination period.

Corporation of Haverford College

Officers

DR. S. EMLEN STOKES, *President*

Moorestown, N. J.

WM. MORRIS MAIER, *Treasurer*

1000 Provident Trust Building, Philadelphia 3, Pa.

JOHN F. GUMMERE, *Secretary*

Wm. Penn Charter School, Philadelphia 44, Pa.

WM. NELSON WEST, 3RD, *Assistant Secretary*

1600 Three Penn Center Plaza, Philadelphia 2, Pa.

Members of the Standing Nominating Committee of the Corporation

Term Expires 1958

J. MORRIS EVANS 623 Mulford Road, Wyncote, Pa.

WILLIAM S. LANE Wm. Penn Charter School, Philadelphia 44, Pa.

DR. FREDERIC C. SHARPLESS Beach Haven, N. J.

Term Expires 1959

M. ALBERT LINTON, JR. Wm. Penn Charter School, Philadelphia 44, Pa.

PHILIP G. RHODES P.O. Box 71, Wilmington 99, Del.

HOWARD G. TAYLOR Riverton, N. J.

Term Expires 1960

FRANCIS C. STOKES 250 E. Main St., Moorestown, N. J.

HENRY C. EVANS 635 Manatawna Ave., Phila. 28, Pa.

HUBERT R. TAYLOR 910 Girard Trust Bldg., Phila. 2, Pa.

Board of Managers

Ex-Officio as Officers of Corporation

DR. S. EMLÉN STOKES, *President* Moorestown, N. J.
 WM. MORRIS MAIER, *Treasurer* 1000 Provident Trust Building, Philadelphia 3, Pa.
 JOHN F. GUMMERE, *Secretary* Wm. Penn Charter School, Philadelphia 44, Pa.

Term Expires 1958

JONATHAN M. STEERE 1118 Girard Trust Building, Philadelphia 2, Pa.
 STANLEY R. YARNALL 5337 Knox Street, Philadelphia 44, Pa.
 DR. HENRY M. THOMAS, JR. 314 Overhill Road, Baltimore 10, Md.
 ALEXANDER C. WOOD, JR. 48, The Bourse, Philadelphia 6, Pa.
 HAROLD EVANS 1000 Provident Trust Building, Philadelphia 3, Pa.
 RUSSELL W. RITCHIE 1212 Market Street, Philadelphia, Pa.
 DR. JOSEPH STOKES, JR. 1740 Bainbridge Street, Philadelphia 46, Pa.
 *JOHN S. WILLIAMS 20 W. Chestnut Hill Avenue, Philadelphia 18, Pa.
 RICHARD R. WOOD Riverton Rd., R.F.D. Riverton, N. J.

Term Expires 1959

M. ALBERT LINTON 4601 Market Street, Philadelphia 39, Pa.
 EDWARD WOOLMAN Haverford, Pa.
 THOMAS W. ELKINTON 1156 Public Ledger Building, Philadelphia 6, Pa.
 HENRY C. EVANS 635 Manatawna Avenue, Philadelphia 28, Pa.
 GARRETT S. HOAG 10 Post Office Square, Boston 9, Mass.
 DR. JONATHAN E. RHOADS 3400 Spruce Street, Philadelphia 4, Pa.
 THOMAS B. HARVEY 50 W. Wilkey Street, Philadelphia 23, Pa.
 GEOFFROY BILLO 30 Smith Avenue, Mount Kisco, N. Y.
 *JAMES P. MAGILL Philadelphia National Bank Bldg., Philadelphia 1, Pa.

Term Expires 1960

EDWARD W. EVANS Awbury, Germantown, Philadelphia 38, Pa.
 WILLIAM A. BATTEY 605 Walnut Lane, Haverford, Pa.
 DR. FREDERIC C. SHARPLESS Beach Haven, N. J.
 JOHN A. SILVER Apple Hill Farm, Pipersville, Pa.
 H. JUSTICE WILLIAMS 901 Provident Trust Building, Philadelphia 3, Pa.
 STEPHEN G. CARY A.F.S.C., 20 S. 12th Street, Philadelphia 7, Pa.
 HENRY SCATTERGOOD Germantown Friends School, Philadelphia 44, Pa.
 PHILIP G. RHOADS P.O. Box 71, Wilmington 99, Del.
 *JERVIS J. BABB 100 Park Avenue, New York 17, N. Y.
 *HERBERT W. REISNER 102 W. Mermaid Lane, Philadelphia 18, Pa.

Faculty Representatives on Board of Managers

Term Expires 1959

FRANCIS H. PARKER

Term Expires 1960

HOWARD M. TEAF, JR.

Alternates: JOHN A. LESTER, JR. and MARCEL M. GUTWIRTH

*Alumni Representative Manager.

Officers of the Board of Managers

Chairman of Board

DR. S. EMLÉN STOKES

Secretary of Board

WM. NELSON WEST, 3RD

1600 Three Penn Center Plaza, Philadelphia 2, Pa.

Standing Committees of the Board of Managers

*The Chairman of the Board is an ex-officio
member of all committees*

Executive Committee

DR. S. EMLÉN STOKES, *Chairman*

JONATHAN M. STEERE

ALEXANDER C. WOOD, JR.

DR. FREDERIC C. SHARPLESS

THOMAS W. ELKINTON

EDWARD W. EVANS

JOHN F. GUMMERE

DR. JONATHAN E. RHOADS

WM. MORRIS MAIER

THOMAS B. HARVEY

M. ALBERT LINTON

JERVIS J. BABB

WM. NELSON WEST, 3RD, *Secretary*

Committee on Finance and Investment

JONATHAN M. STEERE, *Chairman*

ALEXANDER C. WOOD, JR.

M. ALBERT LINTON

WM. MORRIS MAIER

RUSSELL W. RICHIE

HAROLD EVANS

JAMES P. MAGILL

Committee on College Property

THOMAS W. ELKINTON, *Chairman*

WILLIAM A. BATTEY

EDWARD WOOLMAN

JOHN A. SILVER

HENRY C. EVANS

GEOFFROY BILLO

THOMAS B. HARVEY

PHILIP G. RHOADS

JOHN S. WILLIAMS

HERBERT W. REISNER

Committee on Honorary Degrees

STANLEY R. YARNALL, *Chairman*

DR. HENRY M. THOMAS, JR.

HAROLD EVANS

GARRETT S. HOAG

H. JUSTICE WILLIAMS

DR. JOSEPH STOKES, JR.

STEPHEN G. CARY

HENRY SCATTERGOOD

RICHARD R. WOOD

Counsel

MACCOY, EVANS AND LEWIS
1000 Provident Trust Building
Philadelphia 3, Pa.

Faculty

- HUGH BORTON *President*
B.S., Haverford College; A.M., Columbia University; Ph.D., University of Leyden.
- LEGH WILBER REID *Professor of Mathematics, Emeritus*
S.B., Virginia Military Institute; A.B., Johns Hopkins University; S.M., Princeton University; Ph.D., University of Göttingen.
- ALBERT HARRIS WILSON *Professor of Mathematics, Emeritus*
S.B. and S.M., Vanderbilt University; Ph.D., University of Chicago; L.H.D., Haverford College.
- FREDERIC PALMER, JR. *Professor of Physics, Emeritus*
A.B., A.M. and Ph.D., Harvard University.
- LEON HAWLEY RITTENHOUSE *Professor of Engineering, Emeritus*
M.E., Stevens Institute of Technology.
- FRANK DEKKER WATSON *Professor of Sociology and Social Work, Emeritus*
B.S. in Economics and Ph.D., University of Pennsylvania.
- DEAN PUTNAM LOCKWOOD *Professor of Latin and Librarian, Emeritus*
A.B., A.M. and Ph.D., Harvard University.
- †ALFRED WM. HADDLETON *Assistant Professor of Physical Education, Emeritus*
- JOHN OTTO RANTZ *Instructor in Engineering, Emeritus*
- †JOHN GOODWIN HERNDON *Professor of Public Finance, Emeritus*
A.B. and A.M., Washington and Lee University; Ph.D., University of Pennsylvania.
- ABRAHAM PEPINSKY *Professor of Psychology, Emeritus*
A.B. and A.M., University of Minnesota; Ph.D., State University of Iowa.
- EDWARD DOUGLAS SNYDER *Professor of English, Emeritus*
A.B., Yale University; A.M. and Ph.D., Harvard University.
- JOHN ALEXANDER KELLY *Professor of German, Emeritus*
A.B., Emory and Henry College; A.M. and Ph.D., Columbia University
- LEVI ARNOLD POST *Professor of Greek, Emeritus*
B.A. and M.A., Haverford College; A.M., Harvard University; B.A. and M.A., Oxford University.
- MARTIN FOSS *Lecturer in Philosophy, Emeritus*
LL.D., University of Jena.
- (*The active members of the Faculty are arranged in the order of their
appointment to their present rank. Two or more appointed in
the same year are listed in alphabetical order.*)
- DOUGLAS VAN STEERE *T. Wistar Brown Professor of Philosophy*
S.B., Michigan State College; B.A. and M.A., Oxford University; A.M. and Ph.D., Harvard University; D.D., Lawrence College; L.H.D., Oberlin College.
- CLETUS ODIA OAKLEY *Professor of Mathematics*
S.B., University of Texas; S.M., Brown University; Ph.D., University of Illinois.
- RALPH MILLARD SARGENT *F. B. Gummere Professor of English*
A.B., Carleton College, Ph.D., Yale University.
- HOWARD MORRIS TEAF, JR. *Professor of Economics*
B.S. in Economics, M.A. and Ph.D., University of Pennsylvania

†Deceased.

- JOHN WILLIAM FLIGHT *Professor of Biblical Literature*
A.B., Hope College, A.M., Yale University; B.D. and Ph.D., Hartford Theological Seminary.
- IRA DE AUGUSTINE REID *Professor of Sociology*
A.B. and LL.D., Morehouse College; A.M., University of Pittsburgh; Ph.D., Columbia University.
- ALFRED JULIUS SWAN *Professor of Music*
B.A. and M.A., Oxford University.
- HARRY WILLIAM PFUND *Professor of German*
B.A., Haverford College; A.M. and Ph.D., Harvard University.
- HERMAN MILES SOMERS *Professor of Political Science*
S.B. and Ph.M., University of Wisconsin; A.M. and Ph.D., Harvard University.
- ROY EARL RANDALL *Professor of Physical Education*
Ph.B. Brown University *and Director of Intercollegiate Athletics*
- †RICHARD MAX BERNHEIMER *Professor of History of Art on joint*
Ph.D., University of Munich. *appointment with Bryn Mawr College*
- *WILLIAM ATTICH REITZEL *Professor of Social Science*
B.S., Haverford College; B.A. and M.A., Oxford University.
- THOMAS EDWARD DRAKE *Professor of American History*
A.B., Stanford University; A.M., University of Michigan; Ph.D., Yale University.
- LOUIS CRAIG GREEN *Professor of Astronomy*
A.B., A.M. and Ph.D., Princeton University.
- WILLIAM EDWARD CADBURY, JR. *Professor of Chemistry*
B.S. and M.A., Haverford College; Ph.D., University of Pennsylvania.
- RUSSELL RAYMOND WILLIAMS, JR. *Professor of Chemistry*
B.A., University of Buffalo; Ph.D., Stanford University.
- HOWARD COMFORT *Professor of Latin*
B.A., Haverford College; A.M. and Ph.D., Princeton University.
- WILLIAM DOCHERTY, JR. *Professor of Physical Education*
S.B., Temple University. *and Director of Physical Education*
- *•CLAYTON WILLIAM HOLMES *Professor of Engineering*
B.S. in M.E. and M.E., University of New Hampshire; M.A., Haverford College.
- LAURENCE WILLIAM WYLIE *Professor of Romance Languages*
A.B. and A.M., University of Indiana; Ph.D., Brown University.
- THEODORE BRINTON HETZEL *Associate Professor of Engineering*
B.S., Haverford College; B.S. in M.E., University of Pennsylvania; M.S. and Ph.D., Pennsylvania State University.
- *•MANUEL JOSE ASENSIO *Associate Professor of Romance Languages*
B.A., University of Granada; M.A. and Ph.D., University of Pennsylvania.
- JOHN ASHBY LESTER, JR. *Associate Professor of English*
B.S., Haverford College; A.M. and Ph.D., Harvard University.
- *•HOLLAND HUNTER *Associate Professor of Economics*
B.S., Haverford College; A.M. and Ph.D., Harvard University.

†Deceased.

• Absent on leave, 1958-59.

• Absent on leave, second semester.

- WALLACE TREVETHIC MACCAFFREY *Walter D. and Edith M. L. Scull*
Associate Professor of English Constitutional History
A.B., Reed College; A.M. and Ph.D., Harvard University
- FRANCIS HOWARD PARKER *Associate Professor of Philosophy*
A.B., Evansville College; A.M., Indiana University; Ph.D., Harvard University.
- FRANCES DE GRAAFF *Associate Professor of Russian*
Ph.D., University of Leyden. *on joint appointment with Bryn Mawr College*
- MARCEL MARC GUTWIRTH *Associate Professor of French*
A.B., Columbia College; A.M. and Ph.D., Columbia University.
- JOHN ASHMEAD, JR. *Associate Professor of English*
A.B., A.M. and Ph.D., Harvard University.
- * WILLIAM HEARTT REESE *Associate Professor of Music and Director*
of Glee Club and Orchestra on joint appointment
with Bryn Mawr
A.B., Amherst College; M.A., Columbia University; Ph.D., University of Berlin.
- AARON LEMONICK *Associate Professor of Physics*
B.A., University of Pennsylvania; A.M. and Ph.D., Princeton University.
- ARIEL GIDEON LOEWY *Associate Professor of Biology*
B.S. and M.S., McGill University; Ph.D., University of Pennsylvania.
- FAY AJZENBERG-SELOVE *Associate Professor of Physics*
B.S.E., University of Michigan; M.S. and Ph.D., University of Wisconsin.
- FRANK JOSEPH QUINN *Associate Professor of English Literature*
B.A. and M.A. Oxford University.
- ROBERT IRVING WALTER *Associate Professor of Chemistry*
B.S., Swarthmore College; M.A., Johns Hopkins University; Ph.D., University
of Chicago.
- FORREST DUANE COMFORT *Counselor*
A.B., Penn College; M.A., Haverford College; Ed.M., Harvard University.
- DOUGLAS HAMILTON HEATH *Assistant Professor of Psychology*
A.B., Amherst College; A.M. and Ph.D., Harvard University.
- ROBERT JOEL WISNER *Assistant Professor of Mathematics*
B.S. and M.S., University of Illinois; Ph.D., University of Washington.
- JOHN RICHARD CARY *Assistant Professor of German*
B.A., Haverford College; Ph.D., Johns Hopkins University.
- JOSEPH B. R. MILLER, JR. *Assistant Professor of Physical Education*
B.S., University of Delaware; M.S., Springfield College.
- EDGAR SMITH ROSE *Assistant Professor of English*
A.B., Franklin and Marshall College; A.M. and Ph.D., Princeton University.
- MELVIN SANTER *Assistant Professor of Biology*
B.S., St. John's University; M.S., University of Massachusetts; Ph.D., George
Washington University.
- ALFRED WANNER SATTERTHWAITE *Assistant Professor of English*
A.B., A.M. and Ph.D., Harvard University.
- ROBERT HAWES BUTMAN *Assistant Professor of Drama and Public Speaking*
on joint appointment with Bryn Mawr College
B.A. and M.A., University of North Carolina.

* Absent on leave, 1958-59.

- HARMON CRAIG DUNATHAN *Assistant Professor of Chemistry*
B.A., Ohio Wesleyan University; M.S. and Ph.D., Yale University.
- IRVING FINGER *Assistant Professor of Biology*
B.A., Swarthmore College; Ph.D., University of Pennsylvania.
- WILL LYONS *Assistant Professor of Economics*
B.S., Bucknell University.
- COLIN FRANCIS MACKEY *Assistant Professor of Chemistry*
B.S., University of Notre Dame; M.S. and Ph.D., University of Chicago.
- CHARLES ERNEST MAYER *Assistant Professor of Psychology*
A.B., Harvard University; M.A. and Ph.D., Boston University.
- PAUL J. R. DESJARDINS *Assistant Professor of Philosophy*
B.A., M.A. and Ph.D., Yale University.
- GERALD FREUND *Assistant Professor of Political Science*
B.A., Haverford College; Ph.D., Oxford University.
- DAVID KENT HARRISON *Assistant Professor of Mathematics*
B.A., Williams College; Ph.D., Princeton University.
- ROBERT LESLIE HORN *Assistant Professor of Biblical Literature*
B.A., Earlham College.
- GEORGE ALEXANDER KENNEDY *Assistant Professor of Greek*
B.A., Princeton University; M.A. and Ph.D., Harvard University.
- CHARLES W. LUDINGTON *Assistant Professor of Music*
B.A., Hamline University; *and Director of Glee Club and Orchestra*
M.F.A., Princeton University *on joint appointment with Bryn Mawr*
- ARNOLD AUSTIN ROGOW *Assistant Professor of Political Science*
B.A., University of Wisconsin; M.A. and Ph.D., Princeton University.
- * GERHARD GUNTER FRIEDRICH *Lecturer in English*
A.B., Guilford College; M.A., Haverford College; Ph.D., University of Minnesota.
- THOMAS ALONZO BENHAM *Lecturer in Physics*
B.S. and M.S., Haverford College.
- CLARENCE EVAN PICKETT *Lecturer in Christian Ethics*
A.B., Penn College; B.D., Hartford Theological Seminary; LL.D., Haverford College; LL.D., Earlham College.
- HENRY JOEL CADBURY *Lecturer in Quakerism*
B.A. and Litt.D., Haverford College; A.M. and Ph.D., Harvard University; D.D., University of Glasgow; LL.D., Whittier College; LL.D., Swarthmore College.
- JOACHIM MAASS *Lecturer in German Literature*
- JOHN I. CODDINGTON *Lecturer in History*
B.A. and M.A., Harvard University.
- MICHAEL SHAW *Instructor in French*
B.A., Swarthmore College.
- JOHN WALLACE SMITH *Instructor in French and in Sociology*
B.A. and M.A., University of Pennsylvania.
- EDWARD BURNETT HARPER *Instructor in Anthropology*
B.A., Reed College. *on joint appointment with Bryn Mawr*

* Absent on leave, 1958-59.

DORIS SHAW QUINN	<i>Instructor in English</i> B.A. and M.A., Oxford University.
PAUL D. SHEATS	<i>Instructor in English</i> B.A., Harvard University, B.A., Oxford University
NORMAN BARGE BRAMALL	<i>Assistant in Physical Education</i>
RAYMOND TAYLOR BRAMALL	<i>Assistant in Physical Education</i> B.S., M.S. and Ed.D., University of Pennsylvania.
NORMAN MONTGOMERY WILSON	<i>Assistant in Engineering</i>
FRITZ JANSCHKA	<i>Artist in Residence, Bryn Mawr College</i> Akademie der Bildenden Künste. Vienna.
ELIZABETH UFFORD GREEN	<i>Research Associate in Biology</i> A.B., M.A., and Ph.D., Bryn Mawr
ANNE RAMSAY SOMERS	<i>Research Associate in Political Science</i> B.A., Vassar College
DAVID SHOEMAKER RICHIE	<i>Adviser in Work Camp Program</i> B.S., Haverford College.

Visiting Faculty on the Philips Fund

1957-1958

- DAVID M. BONNER, Ph.D.
Professor of Microbiology, Yale University.
- NIRMAL K. BOSE, Ph.D.
Professor of Anthropology, University of Calcutta.
- JEROME S. BRUNER, Ph.D.
Professor of Psychology, Harvard University.
- GORDON CLAPP, LL.D.
former Director of the Tennessee Valley Authority.
- WILLIAM O. DOUGLAS, LL.D.
Associate Justice, United States Supreme Court.
- JAMES FULTON
United States Representative from Pennsylvania.
- ERNEST A. GROSS, Esq.
former United States Ambassador to the United Nations.
- PAUL HALMOS, Ph.D.
Professor of Mathematics, University of Chicago.
- CLYDE A. HUTCHISON, JR., Ph.D.
Professor of Chemistry, University of Chicago.
- MARK KAC, Ph.D.
Professor of Mathematics, Cornell University.
- ARTHUR KORNBERG, M.D.
Professor of Microbiology, Washington University School of Medicine.
- JOSHUA LEDERBERG, Ph.D.
Professor of Genetics, University of Wisconsin.
- S. E. LURIA, M.D.
Professor of Bacteriology, University of Illinois.
- PHILLIP E. MOSELY, Ph.D.
Director of Research, Council on Foreign Relations and Professor of International Relations, Russian Institute, Columbia University.
- DAVID C. MCCLELLAND, Ph.D.
Professor of Psychology, Harvard University.
- LINUS C. PAULING, Ph.D.
Professor of Chemistry, California Institute of Technology.
- HARRY B. PRICE, Ph.D.
Economic Adviser to the King of Nepal.
- SARVEPALLI RADHAKRISHNAN, Ph.D.
Vice-President of India.
- FAYEZ SAYEGH, Ph.D.
Deputy Director, Arab States Delegates at the United Nations.
- ROGER Y. STANIER, Ph.D.
Professor of Bacteriology, University of California.
- ELIOT STELLAR, Ph.D.
Associate Professor of Physiological Psychology, University of Pennsylvania Medical School.
- ROBERT M. THRALL, Ph.D.
Professor of Mathematics, University of Michigan.
- FRANK H. WESTHEIMER, Ph.D.
Professor of Chemistry, Harvard University.
- GEOFFREY M. WILSON
Under Secretary, United Kingdom Treasury

Administration

HUGH BORTON	<i>President</i>
B.S., Haverford College; A.M., Columbia University; Ph.D., University of Leyden.	
* ARCHIBALD MACINTOSH	<i>Vice President and Director of Admissions</i>
B.A., Haverford College; M.A., Columbia University; Ph.D., University of Pennsylvania, LL.D., Haverford College	
WALTER C. BAKER	<i>Vice President for Development</i>
B.A., Haverford College	
WILLIAM EDWARD CADBURY, JR.	<i>Dean</i>
B.S. and M.A., Haverford College; Ph.D., University of Pennsylvania	
ALDO CASELLI	<i>Comptroller and Business Manager</i>
D.S.E. and C., University of Naples	
MRS. EDYTHA M. CARR	<i>Registrar</i>
JOHN ASHBY LESTER, JR.	<i>Librarian</i>
B.S., Haverford College; A.M. and Ph.D., Harvard University	
THOMAS EDWARD DRAKE	<i>Curator of the Quaker Collection</i>
A.B., Stanford University; A.M., University of Michigan; Ph.D., Yale University	
LOUIS CRAIG GREEN	<i>Director of the Strawbridge Memorial Observatory</i>
A.B., A.M. and Ph.D., Princeton University	
WILLIAM WOLTER LANDER	<i>Physician</i>
B.S., Ursinus College; M.D., University of Pennsylvania	
CHARLES PERRY	<i>Associate Director for Development</i>
B.A., Haverford College; M.S.S., Bryn Mawr College	
WILLIAM WEBSTER AMBLER	<i>Assistant Director of Admissions</i>
B.A., Haverford College	
MRS. PATRICIA R. MACKINNON	<i>Publicity Officer</i>
B.A., Bryn Mawr College	
BERTHA KRATZ	<i>Resident Nurse</i>
R.N., Stetson Hospital	
BENNETT SMEDLEY COOPER	<i>Alumni Secretary and Assistant to the President</i>
B.S., Haverford College	
GERTRUDE MANN WONSON	<i>Secretary to the Director of Admissions</i>
B.S., Simmons College	
MRS. KATHARINE M. CARTER	<i>Secretary to the President</i>
A.B., Wilson College	
MRS. FLORENCE N. ANDREWS	<i>Secretary to the Dean</i>

* Absent on leave, first semester.

Academic Council

The Academic Council shall consist of the President as Chairman, three elected divisional representatives of the Faculty, one to be elected yearly, the two Faculty representatives to the Board, Vice President MacIntosh, and the Dean, as Secretary of the Council. The Academic Council shall: 1) consider matters of college policy referred to it by the President and by members of the Council, 2) appoint the standing faculty committees, and 3) make recommendations to the President on Faculty appointments, reappointments and promotions in accordance with accepted procedures. The elected members of the Academic Council for the academic year beginning September 1, 1958 are Mr. Lemonick (Natural Sciences) three years; Mr. Sargent (Humanities) two years; and Mr. Somers (Social Sciences) one year.

Standing Committees of the Faculty

ACADEMIC STANDING: Mr. Wisner, *Chairman*

Messrs. Green, Lester, Lyons.

ADMISSIONS: Mr. Ashmead, *Chairman*

Messrs. Hunter, Loewy, Parker. Mr. Ambler *ex officio*

ARTS AND SERVICE: Mr. Drake, *Chairman*

Messrs. Benham, Butman, Docherty, Holmes, Ludington, Wilson.

CURRICULUM AND COLLEGE PROGRAM: Mr. Lester, *Chairman*

Messrs. Green, Gutwirth, Heath, Lemonick, MacCaffrey

FACULTY COMPENSATION: Mr. Oakley, *Chairman*

Messrs. Finger, Hunter, Lyons, Sargent, Wisner.

FACULTY RESEARCH: Mr. MacCaffrey, *Chairman*

Messrs. H. Comfort, Reid, Rose, Williams; Mrs. Selove.

FELLOWSHIPS AND PRIZES: Mr. Wylie, *Chairman*

Messrs. Drake, Dunathan, Flight, Loewy.

GRADUATE PROGRAM: Mrs. Selove, *Chairman*

Messrs. Pfund, Reid, Steere, Teaf, Walter.

LIBRARY: Mr. Gutwirth, *Chairman*

Messrs. Heath, Oakley, Santer, Satterthwaite

PHILIPS VISITORS: Mr. Williams, *Chairman*

Messrs. Cary, Mayer, Somers, Wylie.

MEDICAL PLANS: Mr. Cadbury, *Chairman*

Messrs. Hetzel, Teaf.

STUDENT AFFAIRS: Mr. Quinn, *Chairman*

Messrs. MacKay, Pfund, Randall.

Student Members: James A. Katowitz, Donald B. McKelvey, Donald A. Scarborough.

The President and Vice President MacIntosh are ex-officio members of all committees. The Vice President for Development will attend such committee meetings as he considers necessary for the proper functioning of his office.

THE COLLEGE PROGRAM



HAVERFORD COLLEGE

AS A QUAKER COLLEGE, Haverford stresses in its educational policy the importance of personal and social ideals. In the past, this concern has been expressed through Fifth Day Meeting and Collection, rather than in any formal way in the requirements for the degree. Recent changes in faculty policy, however, have put a heavier emphasis on philosophic and evaluative courses within the academic curriculum itself. The College is not satisfied with scholarship and intellectual expertness alone, though it values highly these qualities; in its new plans, Haverford will stress increasingly the importance of sound ethical judgment based upon clear perception of individual and social aims.

In its curricular work, Haverford insists on a high standard of achievement. The College's selective admissions policy brings together a varied group of promising young men in each Freshmen class. A reasonably high aptitude for academic work is an essential prerequisite, but selection is made also with qualities of personality and character in mind. In its strictly academic work, the College stresses intellectual integrity, independence of judgment, the imaginative grasp of interrelationships, and the capacity to do independent work. Mastery of facts and of the techniques of research is always important, but even more so is the desire and moral capacity to use these skills for worthwhile ends.

Haverford believes that desirable qualities can be cultivated in the classroom and laboratory but that this process can be supplemented and strengthened by a sound program of student government and extracurricular activities. The non-academic program is calculated to encourage growth in a sense of responsibility for constructive community service, in the appreciation of beauty, and in certain creative skills not properly included in the curriculum itself. The meditative silence of Fifth Day Meeting continues, as always, to make an important contribution to the spiritual development of Haverford men.

From the beginning these aims have been important in Haverford's educational program; the changes now in effect are intended to increase their importance in the curricular work of the College.

History

HAVERFORD COLLEGE was founded in 1833 as the first college established by members of the Society of Friends in the United States. Wherever the first Quaker settlers set up their meetings for worship, they also opened schools, but because Friends have no ordained ministry or priesthood set apart from secular life, they made in the beginning no provision for institutions of higher learning. With the expansion of science and learning in the early nineteenth century, however, the need for advanced training was felt by the Friends as it was by the many other religious groups in America which founded colleges in that era. This need was brought sharply to the attention of Quaker leaders in Philadelphia and New York by a tragic schism in American Quakerism in 1827-1828, now happily a thing of the past. Haverford was organized, therefore, as an institution which would provide an "enlarged and liberal system of instruction" to meet the intellectual needs of "Friends on this continent," offering a course of instruction in science, mathematics, and classical languages "as extensive as given in any literary institution in this country." In religion, morals, and manners, the students who attended Haverford were, in the Quaker phrase of the day, to receive a "guarded" education, but their intellectual training was to be "equal in all respects to that which can be obtained in colleges." Haverford College in those days was modestly called Haverford School, but the intent was clear to create a center that would give to Friends the kind of education which other young Americans were receiving in the best colleges.

The choice of the site of Haverford College exercised its founders for three years; it was settled by the purchase of 198 acres of rolling farmland in the center of the Welsh Tract, a large area originally set apart by William Penn for Quaker immigrants from Wales. The region still bears the native place-names of its settlers, of which Haverford is one. The site was propitious. Today the College campus (increased to 216 acres) is a beautiful area of fields and woodlands, although the Philadelphia suburbs have spread out along the Main Line to Haverford and beyond. What had been fields grew into a graceful sweep of lawns, distinguished by trees and by planting reminiscent of an English garden. This was the contribution of William Carvill, an English landscape gardner whose careful planting gave Haverford a campus of great charm.

In its first forty years, the College gained in maturity while establishing policies and practices to make effective the ideals of its founders. Throughout this era Haverford men were proving by their effectiveness in their communities the soundness of the principles on which the College had been founded. In 1847 Haverford opened its doors to young men who were not members of the Society of Friends, and in 1856 it became a degree-granting institution, with a tradition of high scholarship which has continued unshaken. At the same time it has adhered to its Quaker traditions of simplicity of living and enlightened interest in social issues.

In 1847 under the presidency of Thomas Chase the College entered into an era of progress which brought it to full academic stature. President Chase and his brother, Pliny Earle Chase, were among the early figures in the establishment of a tradition of great teachers which has characterized Haverford's history, bringing distinction to the College and enriching the lives of its students.

President Isaac Sharpless, 1887-1917, led Haverford College into the forefront of American collegiate institutions. His many-sided genius enabled him to gather and hold together a faculty of extraordinary capacity. Students of this era established Haverford's continuing excellent reputation in graduate schools here and abroad.

During the administration of William Wistar Comfort from 1917-1940 the student body increased from two hundred to over three hundred, and the College continued its emphasis on intellectual achievement combined with concern for the physical and moral development of its undergraduates.

Felix Morley, a Rhodes scholar of the Class of 1915, was President during the difficult years of World War II. Gilbert White, his successor, took office in 1946 and continued until 1955, at which time he retired to head the Department of Geography at the University of Chicago. His service to the College in this decade was outstanding. A careful reappraisal of the academic program during his administration resulted in the development of new concepts in various fields of instruction as well as bringing the needs of the College into sharp focus. This survey, through mobilization of Alumni and other friends on its behalf, resulted in an increase in Haverford's endowment from approximately \$4,000,000 to something over \$10,000,000. Gilbert White was also largely responsible for bringing to the campus a group of young, vigorous teachers who continue to make significant contributions to the intellectual life of Haverford.

Hugh Borton, of the Class of 1926, was inaugurated as President October 19, 1957. He is an authority of Japanese history and at the time of his appoint-

ment was Professor of Japanese and Director of the East Asian Institute at Columbia University.

Over the years Haverford's campus has been improved by the addition of dormitories and other buildings to supplement Founders Hall, which dates from the inception of the College, and Alumni Hall, built in 1856, which now forms a part of the Library. Except for about sixty day students, all the students at Haverford live in dormitories on the campus or in houses immediately adjacent to it. Similarly, a large portion of the Faculty live in houses and apartments owned by the College and situated on the campus. This is helpful in establishing an atmosphere of community life and in encouraging personal contacts between student and teacher.

The dormitories include Founders Hall; Barclay, built in the nineteenth century; Lloyd, completed in 1926; and Morris E. Leeds Hall, which was opened in the Fall of 1955. The Spanish and French Houses, established in recent years, give students interested in these studies an opportunity to live in close association with others specializing in these fields.

Chase Hall, containing classrooms; the Lyman Beecher Hall Chemistry Building; and Sharpless Hall, containing the physics and biology laboratories, date from President Sharpless's administration, as does the Haverford Union, used for many College activities; Roberts Hall, the administration building; and the Morris Infirmary. The Gymnasium, built in 1900, was supplemented in the Fall of 1957 by the Alumni Field House, which affords capacious facilities for indoor athletics and already has proved its value to Haverford's extensive program for physical education.

The endowment of Haverford College, which currently has a book value of over \$11,000,000, together with the support given to the College annually by its Alumni and other friends, has enabled it to maintain a superior faculty of unusual size in proportion to the number of students. Enrollment is currently limited to approximately 450 so that teaching may continue on the basis of personal acquaintance in a unified community as it has throughout the history of the College.

Haverford Station on the Pennsylvania Railroad, between Bryn Mawr and Ardmore, is twenty minutes from downtown Philadelphia. The campus fronts on the famous Lancaster Pike (U. S. 30). It is approximately two hours train journey from Haverford to New York or Baltimore and less than three hours to Washington. Philadelphia's Orchestra, its museums and libraries, its scientific laboratories and industrial plants are all easily accessible to Haverford students who can make full use of the cultural opportunities of a city while enjoying the beauty of a college campus in a quiet suburban setting.

Admission

THE POLICY of Haverford College is to admit to the Freshman class those applicants who, in the opinion of the Committee on Admissions, are best qualified to profit by the opportunities which the College offers and at the same time to contribute to undergraduate life. Due regard is given not only to scholarly attainment, as shown by examination and by school record, but also to character, personality, and interest and ability in important extra-curricular activities.

Whenever practicable, the College will expect the candidate to have a personal interview with the Director of Admissions or another administrative officer. Every applicant should realize that, in view of the limited enrollment, he is entering a competition for admission to a carefully selected and comparatively small student organization. On the basis of all information available—College Board reports, school record, class standing, evidence touching on character and personality—the application will be accepted or rejected, and the decision of the Committee on Admissions is final. Preference will be given to those with superior records and credentials rather than to those with mere priority of application.

Students who are accepted will be admitted without conditions. Those who on entrance show marked proficiency in certain subjects will be permitted to take courses usually not open to Freshmen; in such cases, however, the number of courses required for a degree will not be diminished.

Each applicant for admission must take the Scholastic Aptitude Test and three Achievement Tests of the College Entrance Examination Board. The English Achievement Test is required, but a candidate may choose the other two tests. If there is any doubt about the choice of the two tests, he should consult the Director of Admissions. Applications involving divergence from the normal procedure must be discussed in detail with the Director of Admissions.

In addition, the applicant must submit his school record and a certificate of character signed by his school principal. The school certificate must show satisfactory attainment in 15 units* of work. The preparatory course must include four years of English, at least a year and a half of Algebra and one year of Geometry (demonstrative or analytic or both), and three years of a foreign language. Cases involving divergence from the requirements should be discussed with the Director of Admissions. The remaining units will be drawn

* A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. A four years' secondary school curriculum should be regarded as representing not more than 16 units of work.

from laboratory science, social science, history, and additional mathematics and language.

A candidate may offer an elective in a subject not usually listed, provided he shows proficiency which indicates an amount of study and intellectual effort commensurate with that required in other subjects. The subject chosen must have the approval of the Admissions Committee.

Applications for admission should be submitted early in the candidate's senior year. The application must be accompanied by a check or money order for \$10.00 drawn to the order of Haverford College to cover the application fee, which is not refundable. Upon receipt of the application, the College will send a school record form to the candidate for completion by the school officials.

Candidates are encouraged to visit the College for an interview. The Office of Admissions is open from 9:00 a.m. until 4:30 p.m. on week-days and from 9:00 a.m. until noon on Saturdays. The office is closed on Saturdays during the summer. Arrangements should be made in advance for an appointment.

Information Concerning College Entrance Board Tests

The College Entrance Examination Board will offer examinations on each of the following dates during the academic year 1958-59.

- | | |
|-----------------------------|---|
| Saturday, December 6, 1958 | — Scholastic Aptitude Test
and Achievement Tests |
| Saturday, January 10, 1959 | — Scholastic Aptitude Test only |
| Saturday, February 14, 1959 | — Scholastic Aptitude Test only |
| Saturday, March 14, 1959 | — Scholastic Aptitude Test
and Achievement Tests |
| Saturday, May 16, 1959 | — Scholastic Aptitude Test
and Achievement Tests |
| Wednesday, August 12, 1959 | — Scholastic Aptitude Test only |
- 8:45 A.M.—Scholastic Aptitude Test (Verbal and Mathematical Sections)
1:45 P.M.—Achievement Tests—Candidates may not take more than three
of the following:

English Composition	Advanced Mathematics
Social Studies	Biology
French	Chemistry
German	Intermediate Mathematics
Latin	Physics
Spanish	

In addition, at the March 1959 series only, Achievement Tests in Greek and Italian will be offered, but only to candidates who register in advance specifically for these tests.

Haverford prefers that its candidates take the March series of College Board examinations, but it will accept the December series if a candidate wishes to take them at that time. If a candidate wishes to take the Scholastic Aptitude Test in January or February and the Achievement Tests in March, that plan is also acceptable to the College.

The *Bulletin of Information*, obtainable without charge from the College Entrance Examination Board, contains rules regarding applications, fees, reports, and the conduct of the tests; lists of examination centers; and an application blank bound in. This application blank may be used for any College Board administration. Additional application blanks will be available at the schools for students needing more than one. Separate booklets describing the tests and giving sample questions and answers will be sent to each registered candidate at no additional cost.

Candidates should make application by mail to the College Entrance Examination Board. Students who wish to take the examinations in any of the following States, territories, or foreign areas should address their inquiries and send their applications to College Entrance Examination Board, P. O. Box 27896, Los Feliz Station, Los Angeles, 27, California:

Arizona	Oregon	Province of Alberta
California	Utah	Province of British Columbia
Colorado	Washington	Province of Manitoba
Idaho	Wyoming	Province of Saskatchewan
Montana	Territory of Alaska	Republic of Mexico
Nevada	Territory of Hawaii	Australia
New Mexico	Northwest Territory	Pacific Islands, including
	Yukon Territory	Japan and Formosa

Candidates applying for examination in any State or foreign area not given above should write to College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey.

Each application submitted for registration must be accompanied by the examination fee. A detailed schedule of fees follows:

Scholastic Aptitude Test	\$7.00
One, two or three hours of afternoon tests	9.00

There is no reduced fee for those taking morning and afternoon tests at one administration.

All applications and fees should reach the appropriate office of the Board not later than the dates specified below:

<i>Date of Tests</i>	<i>For examination centers located</i>	
	<i>in the United States, Canada, Alaska, Hawaii, the Canal Zone, Mexico, or the West Indies</i>	<i>in Europe, Asia, Africa, Central and South America, and Australia</i>
December 6, 1958	November 15	October 18
January 10, 1959	December 13	November 22
February 14, 1959	January 24	December 27
March 14, 1959	February 14	January 24
May 16, 1959	April 18	March 28
August 12, 1959	July 22	June 24

Applications received after these closing dates will be subject to a penalty fee of three dollars in addition to the regular fee.

Candidates are urged to send in their applications and fees as early as possible, preferably at least several weeks before the closing date, since early registration allows time to clear up possible irregularities which might otherwise delay the issue of reports. Applications received at a Board office later than two weeks prior to the date of the examination cannot be guaranteed acceptance. No candidate will be permitted to register with the supervisor of an examination center at any time. Only properly registered candidates, holding tickets of admission to the centers at which they present themselves, will be admitted to the tests. Requests for transfer of examination centers cannot be considered unless these reach the Board offices two weeks prior to the date of the examination or earlier.

The Board will report the results of the tests to the institutions indicated on the candidates' applications. The college will, in turn, notify the candidates of the action taken upon their applications for admission. Candidates will not receive reports upon their tests from the Board.

Transfer Students

Since Haverford offers an integrated education, admission with advanced standing is ordinarily granted only in a limited number of cases. An undergraduate who comes from an approved college must submit an official statement of his honorable dismissal, together with a full list of his accepted preparatory subjects, and a list of all his college courses, with his record therein.

Advanced Standing

Students in high school who have done advanced work in one or more courses may take the Advanced Placement Tests given by the College Entrance Examination Board each May to determine eligibility for advanced placement or credit in college courses.

Financial Arrangements

Rooms

ENTERING FRESHMEN are assigned the rooms available after the other classes have made their choice. It is not always possible to meet the desire of Freshmen for the remaining rooms. The College assumes that a new student will accept any available room of approximately the same quality as the room for which a preference is expressed. New students will be notified of the rooms assigned to them by means of a list available in Roberts Hall. The choice of rooms by other students is governed by published rules.

A deposit of \$35 is required of all new students at the time they are notified of their admission. A similar deposit is required also of those students who have not been in attendance at the College during the immediately preceding semester. This amount will be deducted from the bill for the following year. If the student fails to present himself at the beginning of the semester for which he has been enrolled, the deposit will be forfeited.

Students are expected to treat College property with the same consideration as their own. A student is held financially responsible for any damage to his room, and any damage wilfully done will be sufficient reason for requesting withdrawal from the College.

Expenses

The tuition charge for all regular students is \$1,000.00 for the academic year. Tuition for special students is \$150.00 per course, per semester. The board is \$520.00, and room rent \$280.00 per year. The payment of a Unit Fee of \$85.00 per year makes it possible for the student to participate in any campus organization without an additional fee.

The room charges include heat, electric light, weekly service, and the use of necessary bedroom furniture, i.e., a bureau, table, chair, study lamp, and a bed, the linen for which is furnished and laundered by the College. Students will supply their own study furniture, blankets, and towels.

The College requires that bills rendered August 15 and January 15 for the following semester's tuition, board, room, unit fee, and deposits be paid in full before the beginning of the semester.

In order to avoid last minute congestion, it is suggested that bills be paid by mail in advance.

A non-refundable fee of \$10.00 is payable when application for admission is presented.

The Unit Fee includes the following: Student activities fee, laboratory fees,

health fee, accident insurance (a maximum of \$500.00 within one year of each accident), diploma, and psychological tests when required by the College.

The College requires Freshmen to pay a fee of \$15.00 toward the cost of the orientation week.

The College requires a \$70.00 deposit to cover the cost of books and any other incidental charges which may arise during the school year. At intervals during the year, a bill for the actual charges made will be sent to the student. If this bill, or any other indebtedness, is not paid by the end of the semester, credits will not be granted for the work performed. Any unspent balance is refunded at the end of the academic year.

No reduction or refund of the tuition charge will be made after the first two weeks of any semester. If a student withdraws before the completion of the first two weeks, there will be a complete refund of his tuition. In case of illness or absence for any reason from the College, for four weeks or more, there will be a prorated refund of board. In case of withdrawals at any time, there will be no reduction of room rent for the semester unless the same room is re-rented, in which case the withdrawn occupant will receive the amount paid to the College by the new occupant. The unit fee cannot be refunded at the end of the academic year, even if student left college at mid-year.

College Responsibility

The College is not responsible for loss due to fire, theft, or any other cause. Students who wish to cover the first risk may apply for information at the Office of the Comptroller.

Monthly Payments

Since some parents prefer to pay tuition and other fees in equal monthly instalments during the academic year, we are glad to offer the convenient TUITION PLAN. Various plans are available at the following costs:

One Year Plan — 4% greater than the Cash Price

Two Year Plan — 5% greater than the Cash Price

Three Year Plan— 6% greater than the Cash Price

Four Year Plan — 6% greater than the Cash Price

The 2, 3 and 4 year plans include Parent Life Insurance which provides funds for the cost of the remaining period of schooling, if the parent who has signed the contract dies.

THE TUITION PLAN is optional and intended solely as a convenience. Upon request forms will be sent for signature.

Student Loan Fund

A loan fund is available for deserving students, other than members of the Freshman Class and transfer students during their first year, who may require financial assistance during their College course.

For information apply at the Office of the Comptroller.

Student Aid

In addition to the Student Loan Fund and to scholarship help, the College offers students the opportunity to work at standard rates in the Library and as clerical assistants to faculty and administrative officers of the College. Appointments are made from a list of eligible students prepared by Vice-President MacIntosh.

Scholarships

SCHOLARSHIPS are awarded on a basis of merit and individual need. While no scholarship is given for more than one year, it is the practice to continue the scholarship if a student's scholastic performance has been satisfactory and his need remains constant.

No scholarship will be given to a student whose academic standing is unsatisfactory.

No scholarship will be given to a student whose previous college bill has not been paid in full.

Candidates for freshman scholarships must file a financial statement with the College Scholarship Service, Princeton, N. J., before March 15th. Copies of the form to be used may be obtained from the College upon request.

Students enrolled at the College must submit all preliminary correspondence and applications for undergraduate scholarships for 1959-60, together with supporting letters from parents or guardians, to Vice President MacIntosh before April 15, 1959.

It is assumed that requests for scholarships will not be made by those whose expenses can be met by their parents or from other sources.

CORPORATION AWARDS.—Four Corporation Scholars will be chosen in each class. In the senior, junior and sophomore classes the selection will be made on the basis of the highest general averages for the preceding year. In the freshman class the selection will be made after the May College Board Examinations (see page 24). Each man will be awarded \$50.00 in books. No application for these awards is necessary.

The Endowed Scholarships

It is not necessary for applicants to mention specific scholarships in their applications except in those cases where they meet the special conditions stated for the award.

I. ISAIAH V. WILLIAMSON SCHOLARSHIPS.—Three scholarships, usually awarded to members of the Senior and Junior classes.

II. RICHARD T. JONES SCHOLARSHIP.—One scholarship.

III. EDWARD YARNALL SCHOLARSHIP.—One scholarship.

IV. THOMAS P. COPE SCHOLARSHIP.—One scholarship.

V. SARAH MARSHALL SCHOLARSHIP.—One scholarship.

VI. MARY M. JOHNSON SCHOLARSHIP.—One scholarship.

VII. ISAAC THORNE JOHNSON SCHOLARSHIP.—One scholarship, available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

VIII. CASPAR WISTAR MEMORIAL SCHOLARSHIP.—One scholarship, available preferably for sons of parents engaged in Christian service (including secretaries of Young Men's Christian Associations) or students desiring to prepare for similar service in America or other countries.

IX. LOUIS JAQUETTE PALMER MEMORIAL SCHOLARSHIP.—This scholarship is awarded on application, preferably to a member of the Freshman Class who, in the opinion of a committee representing the donors and the President of the College, shall give evidence of possessing the qualities of leadership and constructive interest in student and community welfare which his friends observed in Louis Jaquette Palmer of the Class of 1894.

X. J. KENNEDY MOORHOUSE MEMORIAL SCHOLARSHIP.—One scholarship, intended for the member of the Freshman Class who shall appear best fitted to uphold at Haverford the standard of character and conduct typified by the late J. Kennedy Moorhouse of the Class of 1900—"a man modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living."

XI. PAUL W. NEWHALL MEMORIAL SCHOLARSHIP.—One scholarship.

XII. ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIPS.—Two or more scholarships, preference to be given to "a native of New York or Connecticut who now resides in one of those States."

XIII. SAMUEL E. HILLES MEMORIAL SCHOLARSHIP.—One scholarship.

XIV. CLASS OF 1913 SCHOLARSHIP.—One scholarship, preference to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College.

XV. ISAAC SHARPLESS SCHOLARSHIP FUND.—Founded in 1941. Scholarships open to graduates of secondary schools and undergraduates of Haverford College. Awards based upon fulfillment by applicant of requirements used in selection of Rhodes Scholars to the University of Oxford. Awards

granted from list submitted to Selection Committee by the Director of Admissions, subject always to final approval by the President of the College; amount variable.

XVI. CLASS OF 1917 SCHOLARSHIP.—One scholarship, preference to be given to sons of members of the class of 1917 who may apply and who meet the usual requirements of the College.

XVII. THE GEOFFREY SILVER MEMORIAL SCHOLARSHIP.—One scholarship, available to a public school graduate in this general area who may enter Haverford.

XVIII. DANIEL B. SMITH SCHOLARSHIP.—One scholarship, awarded "in the discretion of the Faculty, as an annual scholarship for some young man needing financial aid in his College course. Preference is to be given to a descendant of Benjamin R. Smith, if any such should apply."

XIX. SARAH TATUM HILLES MEMORIAL SCHOLARSHIP FUND.—Founded November 1, 1954, by bequest of \$75,534.58 from Joseph T. Hilles, Class of 1888, in memory of his mother, Sarah Tatum Hilles, "to provide for such number of annual scholarships of \$250 each as such income shall be sufficient to create"; to be awarded by the Managers to "needy and deserving students, and to be known as 'Sarah Tatum Hilles Memorial Scholarships.'"

XX. ELIHU GRANT MEMORIAL SCHOLARSHIP FUND.—Two or more scholarships, established February 2, 1944, by Mrs. Elihu Grant "to commemorate the service to Haverford College of Dr. Elihu Grant, from 1917 to 1938 a member of the College Faculty. The income from this fund is applied to scholarship assistance to students in Humanistic studies, primarily those specializing in the study of Biblical Literature and Oriental subjects." In special circumstances the income may be utilized to assist those working for a post-graduate degree at Haverford College.

XXI. JOSEPH L. MARKLEY MEMORIAL SCHOLARSHIP.—One scholarship, awarded at the discretion of the Faculty, "on the basis of character, scholarship and financial need."

XXII. JOSEPH C. AND ANNE N. BIRDSALL SCHOLARSHIPS.—One scholarship, awarded at the discretion of the Faculty "to some student or students preparing for medicine, the selection to be based on character, scholarship and financial need."

XXIII. DANIEL E. DAVIS, JR., MEMORIAL SCHOLARSHIP.—One scholarship, awarded at the discretion of the Faculty, "on the basis of character, scholarship and financial need."

XXIV. CHRISTIAN FEBIGER MEMORIAL SCHOLARSHIP.—One scholarship, established June 13, 1946, by Mrs. Madeleine Seabury Febiger in memory of her husband, Christian Febiger, of the Class of 1900. The income of this fund is applied in paying tuition and other college expenses of worthy, needy students.

XXV. THE W. W. COMFORT FUND.—This fund was established in 1947 by the Haverford Society of Maryland. Grants from this fund are made with the understanding that the recipient shall, at an unstated time after leaving college, repay to the fund the amount which he received while an undergraduate.

XXVI. JONATHAN M. STEERE SCHOLARSHIP FUND.—Established in December 1948 by Jonathan M. Steere, of the Class of 1890. The scholarship is intended primarily for a graduate of Moses Brown School, Providence, Rhode Island, who shall be a member of the Society of Friends.

XXVII. WILLIAM GRAHAM TYLER MEMORIAL SCHOLARSHIP.—Founded in 1949 in memory of William Graham Tyler, of the Class of 1858. Preference shall be given to students from Oskaloosa, Iowa, or from William Penn College, on the basis of character, scholarship and financial need.

XXVIII. MAX LEUCHTER MEMORIAL SCHOLARSHIP.—Established in December, 1949, in memory of Max Leuchter, father of Ben Z. Leuchter, of the Class of 1946. One scholarship, awarded at the discretion of the Faculty, "on the basis of character, scholarship and financial need."

XXIX. 1890 MEMORIAL SCHOLARSHIP FUND.—Established by a member of the Class of 1923 in memory of his father, of the Class of 1890, and in recognition of his father's friendship with the members of his class. The income from this fund is to be awarded as a scholarship by the College to a deserving student.

XXX. THE A. CLEMENT WILD SCHOLARSHIP.—Established May 14, 1951, by Mrs. Gertrude T. Wild in memory of her husband, A. Clement Wild, of the Class of 1899. The income from this fund is to be awarded as a scholarship by the College to a deserving student. Preference shall be given to an English exchange student or someone in a similar category.

XXXI. THE CHARLES MCCAUL FUND.—Established in 1951 by Mary N. Weatherly. One or more scholarships which shall be "awarded to students who show special interest in the field of religion and the social sciences."

XXXII. THE CAROLINE CHASE SCHOLARSHIP FUND.—Established December 10, 1951, by Caroline Chase, daughter of Thomas Chase, one-time

president of the College. This fund is an expression of Thomas Chase's "enthusiastic appreciation for its high standards of scholarship in Greek, Latin and English literature."

XXXIII. THE JONATHAN AND RACHEL COPE EVANS FUND.—Founded in 1952 by the children and grandchildren of Jonathan and Rachel Cope Evans. One half of the income of this fund is to be used for scholarships.

XXXIV. THE C. PRESCOTT KNIGHT, JR., SCHOLARSHIP.—Established by the Haverford Society of New England for a New England boy from a New England school. In the award of this scholarship a committee, composed of alumni of the New England area, will consider character and personal qualities as well as the scholastic record and need of the applicant.

XXXV. THE ROY THURLBY GRIFFITH MEMORIAL FUND.—Established in June 1952 by Grace H. Griffith, in memory of Roy Thurlby Griffith, of the Class of 1919. The income from this fund is to be awarded as a scholarship by the College, "preference to be given to boys who have no father and who are in need of financial assistance."

XXXVI. THE MORRIS LEEDS SCHOLARSHIPS.—Established in 1953 by the Board of Managers of the College in memory of Morris E. Leeds, a member of the Class of 1888 and chairman of the Board from 1928 to 1945.

XXXVII. THE CLASS OF 1904 SCHOLARSHIP FUND.—Established June 4, 1954, in commemoration of the fiftieth anniversary of the Class of 1904. The income from this fund, which was contributed by the Class and the families of its deceased members, will provide one scholarship.

XXXVIII. THE WILLIAM MAUL MEASEY TRUST.—Established in 1952 by William Maul Measey, a friend of the College, who has been deeply interested in education and who has wished to help students of high quality in the pursuit of their education.

XXXIX. THE J. HORACE COOK FUND.—Established in 1955 by a bequest under the will of J. Horace Cook, of the Class of 1881, for a scholarship, "one to be awarded each year so that there will be a student in each class receiving his tuition from this fund."

XL. THE INAZO NITOBE SCHOLARSHIP FUND.—Established in November 1955 under the will of Anna H. Chace, "the income to be used and applied for the education at Haverford College of a Japanese student who shall be a resident of Japan at the time of his appointment to such scholarship and for

his traveling expenses from and to Japan and his living expenses during the period he shall hold such scholarship."

XLI. THE GIFFORD K. WRIGHT SCHOLARSHIP FUND.—Established in December 1955 in memory of Gifford K. Wright, of the Class of 1893.

XLII. THE SUMMERFIELD FOUNDATION SCHOLARSHIP FUND.—Established in February 1956 one scholarship, awarded at the discretion of the Faculty, "on the basis of character, scholarship and financial need."

XLIII. THE SCOTT AWARD.—Established in 1955, for a period of five years, by the Scott Paper Company Foundation. "A two-year scholarship award for the Junior and Senior years, to be given to that student who is planning to embark upon a business career and who is judged by both students and faculty as an outstanding member of the Sophomore Class."

XLIV. THE UNION CARBIDE SCHOLARSHIPS.—Established in September 1955, by the Union Carbide and Carbon Corporation, four four-year scholarships which cover the cost of tuition, books and fees and which are available to students who are interested in careers in business or industry, research or teaching.

XLV. JACOB P. JONES ENDOWMENT FUND.—This fund was established in 1897. The donor stated: "My hope is that under the blessing and favor of God there will come from this source a revenue which shall be productive of growth and vigor in the institution as well as help at this critical period of their lives to many deserving young men of slender patrimony."

XLVI. THE W. LACOSTE NEILSON SCHOLARSHIP.—Established in 1957 by the family and friends of W. LaCoste Neilson, Class of 1901, in his memory. The income is to be used for the payment of one or more scholarships at the discretion of the College, preference if possible being given to students taking scientific or practical courses rather than those in the field of the arts.

The General Scholarships

In addition to the endowed scholarships, a general scholarship fund is available. Awards from this fund will be made by the committee, the scholarships varying in size and number according to the need of the applicants.

Curriculum

General

HAVERFORD is a liberal arts college. Its curriculum is designed to develop in its students the capacity to learn and understand, and to make sound judgments based on knowledge and on thought. The requirements for the degree insure the exercise of these skills in each of the broad fields of human knowledge, and their subtler development in a single field of concentration.

Bachelor's Degree

To graduate from Haverford College a student must complete successfully four years of academic work and three years of Physical Education (part of which may be replaced by work in the Arts and Service Program). Credit for a year of academic work is given to a student who has passed five courses for each of two semesters with an average of at least 60 for the Freshman year, 65 for the Sophomore year, and 70 for the Junior and the Senior years. Among the courses taken, the student must include freshman English, the courses required for his Major Department, and, during the first three years, those required under the limited electives program (see below). In courses which are required as a part of his Major program, a student must achieve a minimum grade of 65. He must also include course 100 in his Major department during the second semester of the Senior year, at the end of which he must take the Major examination in that department, and receive in it a grade of at least 70. The degree normally conferred upon all candidates meeting these requirements is that of Bachelor of Arts. Upon request by the candidate and approval by the department concerned, however, the Bachelor of Science degree will be granted to men majoring in Natural Science, Mathematics, or Engineering.

The award of Honors for work toward the Bachelor's degree is described on pages 115-116.

Limited Electives

To ensure breadth of distribution, every student is required to take a certain number of courses in each of four designated areas of study. This requirement must be satisfied before a student can be admitted to Senior standing. Exceptions may be made by agreement between the Major Supervisor and the Dean. The requirements are as follows:

1. **FOREIGN LANGUAGES:** One full-year course in a foreign language beyond the elementary grade. For the purpose of this requirement, all first year foreign language courses, with the exception of Greek 11, 12, are considered as of elementary grade. However, students whose native tongue is other than English are not required to study additional language in college.

(N.B. A language course which is listed under the Humanities requirements below may be used toward satisfying requirements in Foreign Languages *or* the Humanities but not in both.)

2. **HUMANITIES:** The requirement may be met by passing four semester courses as follows:

- (a) Two semester courses from the following:
Biblical Literature 12, 13, 23.
Humanities 21-22.
Philosophy 11, 12, 21-22, 28, 32, 36.
- (b) Two semester courses from the following:
Biblical Literature 11, 20.
English 21, 22, 23, 24, 25, 26, 29, 31, 32, 33.
French 12, 14, 23-24, 25-26.
German 15, 21-22, 31, 32, 33, 36, 37, 38.
Greek 11, 12, 21, 22, 29.
History of Art 21-22; Bryn Mawr 201, 203, 204, 301, 302.
Latin 13-14, 15, 16, 23, 24.
Music 11, 12, 21-22, 31, 32.
Philosophy 23 or 29; 24, 26.
Russian 201, 203 (Bryn Mawr).
Spanish 15-16, 21-22, 23-24.

3. **NATURAL SCIENCES AND MATHEMATICS:** The requirement may be met by passing four semester courses chosen from:

Astronomy, Biology, Chemistry, Mathematics, Physics,
Geology 101a, 101b* and Physical Science 31, 36.

At least one of the four semester courses must be a laboratory course. Excluded from the category of laboratory courses are Biology 13, Physical Science 31, 36, and all courses in the Department of Mathematics.

* Geology is offered at Bryn Mawr College. In order for a student to take courses at Bryn Mawr, he must meet the requirements as stated on pages 43-44 of this catalog.

4. SOCIAL SCIENCES: The requirement may be met by passing four semester courses chosen from at least two of the following departments:

Economics, History, Political Science, and Sociology (including Psychology courses also listed under Sociology).

Free Electives

A number of courses sufficient to bring the total to forty semester courses shall be chosen by the student in consultation with his Faculty Adviser, with the understanding that the College reserves the right, through the Adviser and the Dean, to prevent unreasonable combinations of courses.

Non-Academic Electives

Three terms of Physical Education or of courses in the Arts and Service Program are required of each Freshman, Sophomore, and Junior, as described on pages 80 and 97. These courses must be taken in addition to the 40 semester courses of academic work required for a degree.

Major Concentration

A student may elect to major in any one of the following departments: Astronomy, Biblical Literature, Biology, Chemistry, Classical Archaeology (Bryn Mawr College), Economics, Engineering, English, French, Geology (Bryn Mawr College), German, Greek, History, History of Art (Bryn Mawr College), Italian (Bryn Mawr College), Latin, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Russian, Sociology, Spanish.

Definite requirements are stated under the name of each department on pages 49-99. During the fourth semester of his attendance each student should confer with the Major Supervisor of the department in which he wishes to major, and apply to him for written approval of a program of courses for the last four semesters. Such a program must provide for the completion, by the end of the Senior year, of approximately twelve semester courses, or the equivalent, at least six of which must be in the Major Department and the others in closely related fields. Should the student's application be rejected by the department of his first choice, he must immediately apply in another. Failure to file with the Dean, before the date specified on the College Calendar, a copy of his Major Program signed by his Major Supervisor, will entail a fine of \$5. Any student who continues delinquent in this matter will be debarred from the final examinations in his fourth semester. Should the student's application be rejected by all the departments to which he applies, he will not be promoted.

A student who applies for permission to become a Major in any department may be rejected for *scholastic reasons only*. The College rule on this point is:

If, at the time specified for application, the average of the grades obtained by a student in the "preliminary courses"* of any department is 75 or above, the student will be accepted by that department.

If the average of the grades obtained in these courses is below 70, the student will be accepted in that department only under exceptional circumstances.

If the average of the grades obtained in these courses is 70 or above, but below 75, the decision will be at the discretion of the Major Supervisor.

A student who has been formally accepted as a Major by any department has the right to remain as a Major in that department as long as he is in College. Should he wish to change from one department to another after the beginning of his fifth semester, the change can be made only with the consent of the new Major Supervisor and the Dean.

Each Senior must take a special Major comprehensive examination (written, oral, or both) during the period scheduled for such examinations. The purpose of this examination is to promote the student's comprehension, integration and application of the knowledge acquired in the field of his major concentration, and to secure evidence of this achievement. The passing grade for this examination is 70. In case of failure, a candidate may, with the permission of his Major Supervisor, present himself for re-examination at a date (to be determined by the Major Supervisor) later than Commencement Day of the current year.

If the re-examination is taken one year later, during the regular period of Major examinations, there is no fee. But if the candidate applies for re-examination at an earlier date (involving the preparation of a special examination for one individual), and if the request is granted, the fee is \$25.

As special background for the comprehensive examination a senior shall engage in a period of study, technically called course 100, in his department of concentration during the semester preceding that examination. This period of study shall be counted as one of the five courses normally carried by the student during his final semester. Evaluation of the work in course 100 may

* "Preliminary courses" are any courses the student may already have taken in the department to which he is applying. If the applicant has not already taken any courses in that department, the department may name courses in other departments which are to be regarded as "preliminary."

be included in the grade earned by the student in his comprehensive examination.

In case of failure in the comprehensive examination a student does not necessarily repeat the term work of course 100, but follows the application procedure for re-examination as indicated on the preceding page. A student may not take more than two re-examinations in the field of his major concentration.

Students taking Majors under the supervision of Bryn Mawr College will note that their course 100 may extend over more than one semester; if this is the case, credit for two courses at Haverford will be granted if the work in each semester of this course is satisfactory.

Examinations in courses in the Major subject taken in the last semester of the Senior year may be omitted at the discretion of the Major Supervisor.

A student who has demonstrated unusual maturity and who has special interests and abilities may be permitted to arrange an *interdepartmental major*. The program of courses, the nature of the 100 course, and the nature of the comprehensive examination for an interdepartmental major are to be worked out in advance (that is, when the major is selected) by the student, with permission of the Dean, in consultation with and subject to the approval of the chairmen of the departments concerned, one of whom will be designated as Major Supervisor for that student.

In rare cases, and only for high ranking students, a *double major* may be arranged, in which the student takes the complete major in each of two departments. In order to take a double major, a student must receive permission from the Dean as well as from the chairman of each of the departments concerned.

Freshman Program

Each Freshman, on entering the College, is assigned to a Faculty member as Adviser. Normally, the student keeps the same Adviser until he chooses a Major near the end of the Sophomore year, when the Chairman of the Major Department becomes his Adviser. Assignment of Advisers for incoming students is made by the Dean, on the basis of the best evidence available to him. If, after being assigned an Adviser by the Dean, the student finds another Faculty member whom he would prefer to have as Adviser, he is urged to inform the Dean of this preference, so that, if possible, the change can be made.

The Faculty Adviser is instructed to advise each of his freshmen advisees on a plan of study suited to his special needs; however, the faculty requires that English be taken throughout the year and strongly recommends that in

all usual cases the remaining four courses be: one course in language, one course in the area of Social Science, one course in the area of Natural Science and Mathematics, and one additional course.

The courses open to Freshmen are numbered 11 to 19 in the section on Courses of Instruction. If he is qualified, a Freshman may be permitted by the department concerned and by the Dean to take more advanced courses.

A series of standard tests is administered to all entrants within the first few days of the first semester. These tests are helpful in guidance and counseling. One function of the tests is to determine which Freshmen should be recommended to take the voluntary course in Remedial Reading, which is offered each term, for no credit, to students who feel the need of establishing reading habits that will improve their comprehension and increase their speed in reading.

Preparation for Professions

A large number of Haverford College students plan, after graduation, to enter upon further courses of study. As a liberal arts college, Haverford arranges its curriculum so that students who have such plans are able to meet the entrance requirements of graduate and professional schools. The College does not, however, attempt to anticipate in its own curriculum the work of any graduate or professional school. It is the conviction of the Faculty that the best preparation for graduate work is a liberal education, with sound training in basic disciplines, to which more specialized training may later be added.

A student who intends to go to a professional school is free to choose his major in accord with his principal abilities and interests, since professional schools, such as those of business administration, education, law, medicine, or theology, usually accept students on the basis of merit regardless of their choice of major and, except in the case of medical schools, without specific course requirements. The requirements of most state boards of medical licensure are such that all students who hope to be admitted to a medical school must take two semester courses, each of which must include laboratory work, in biology (usually Biology 12 and 21), Chemistry 13, 14, 25, and 26, and Physics 13, 14.

Students who plan to go to professional schools should seek advice as early as possible from appropriate Faculty members as follows: business administration, Mr. Teaf; education, Mr. Rose; engineering, Mr. Holmes; law, Mr. Somers; medicine, Mr. W. Cadbury; theology, Mr. Flight or Mr. Steere.

If a student plans to do graduate work in a departmental subject, such as engineering, mathematics, history, etc., he should consult as early as possible

with the chairman of the department at Haverford which most nearly corresponds to the department in which he plans to work in graduate school. This adviser will be able to guide him in his selection of courses, his choice of Major (which will not *necessarily* be in the department of his intended graduate study), and other questions which may have bearing on his future.

Law schools, medical schools, and some graduate schools require applicants to take special admission tests. Arrangements for taking these tests are the responsibility of the student concerned; he can obtain information about them from the Faculty members mentioned above.

Regulations

Conflicting Courses

A student is not allowed to elect conflicting courses, except with the permission of the Dean and the two instructors concerned.

Additional Courses

Although the normal load is five courses each semester, a student who desires to do so may take additional work upon approval of his adviser and the Dean. Such approval will not normally be granted to Freshmen, but will usually be granted to a Sophomore, Junior, or Senior who requests it, if his average for the preceding semester was 80 or above. There is no charge for a sixth course taken by a student in full standing, but a fee of \$40.00 is charged for a sixth course taken to make up a deficiency.

Audited Courses

A student who wishes to audit a course should obtain the permission of the instructor. No charge is made for auditing.

Course Changes

Courses may be changed during the first week of each new semester. During that time students are free to make changes after consultation with their Advisers and the Dean.

Changes will not be permitted later except in cases where the student is known to be an excellent student and where he receives the consent of the professor to whose course he is changing and of his Adviser and of the Dean.

Special Cases

Whenever a student gives proof of special abilities, the College is prepared to lay aside such requirements of the normal program as stand between him and the development of his gifts.

Evaluation of Academic Performance

The instructor in each course submits at the end of each semester a numerical grade for each student. These grades may range from 0 to 100, the minimum passing grade for each course being 60. The grades obtained by each student are averaged together to give evidence of his overall performance during that semester.

The Committee on Academic Standing reviews students' records at intervals, and has authority to drop students from college, or to set requirements for additional work in cases of students whose work is unsatisfactory. As a rule, the Committee will drop from college Freshmen who do not receive the required minimum average of 60, Sophomores whose averages are below 65, and Juniors and Seniors whose averages are below 70. However, any student whose record is such as to justify the belief that he is not availing himself of the opportunities offered by the College may be dropped.

A student who, because of special circumstances such as illness, receives a low grade in a course, may petition his instructor and the Dean for a special examination. If the request is granted, and the student takes the special examination, the grade in that examination will replace the grade originally received in the mid-year or final examination in computing the final grade for that course; the new course grade will be entered in place of the old on the student's transcript, and the semester average will be revised accordingly.

In some circumstances a student may be permitted by the Dean to drop a course, or to take less than the normal load, and thus does not receive grades for the full five courses. The Committee on Academic Standing will review all such cases, and will specify what work the student must perform to be restored to full standing. Similarly, in the case of a student who wishes to accelerate, this Committee will specify conditions under which credit for an extra semester's or year's work will be granted.

Intercollegiate Cooperation

Because of the cooperative relationship between Bryn Mawr College, Haverford College, Swarthmore College, and the University of Pennsylvania, full-time students of any of these four institutions may, upon presentation of

the proper credentials, enroll for courses in another institution of the group without additional expense.

Students desiring to take advantage of this arrangement must obtain the permission of the Dean. This permission is not granted to Freshmen, and is not usually granted to a student whose general average for the preceding semester has been less than 80. Exceptions may be made in case the course at the other institution is necessary for the student's Major. It is the student's responsibility to register in the selected course on registration day at the institution where the course is to be given. The course should also be entered on his registration card at Haverford.

Permission for graduate students at Haverford to take courses at other institutions should be obtained from the Committee on Graduate Program. Ordinarily, the holder of a graduate fellowship will not be permitted to take more than one course in another institution for credit on his Haverford record.

Visitors and Lectures

In recent years, the College has arranged for individual departments of the Faculty to invite visitors to Haverford for varying periods of time to meet with members of the department and with students interested in that field. These departmental visitors, who sometimes give public lectures, have contributed considerably to the vitality of the work in the various departments.

This program has been greatly strengthened as a result of a generous bequest from the late William P. Philips. A substantial sum from this bequest is used to bring to Haverford "distinguished scientists and statesmen," whose visits may last anywhere from a few hours to a full academic year. On page 14 of this catalog is a list of the visitors brought to the campus under this bequest during the academic year 1957-1958.

The Haverford Library Lectures and the Shipley Lectures, both endowed lectureships, provide annual speakers. The endowment for the former, a gift from the estate of Mary Farnum Brown, is available "for an annual course or series of lectures before the Senior Class of the College, and other students, on the Bible, its history and literature, and as a way may open for it, upon its doctrine and its teaching." The fund for the latter was presented by Samuel R. Shipley, in memory of his father, Thomas Shipley. The income from the Shipley fund is used "for lectures on English literature." At the weekly Collection meetings of the whole College prominent visitors talk to the student body on subjects of current interest.

The Class of 1898 Lectureship was established by that class in 1948.

Graduate Study

Admission to Candidacy for Master's Degree

GRADUATES OF INSTITUTIONS of standing equivalent to that of Haverford College, who present satisfactory evidence of character, seriousness of purpose, and scholarly attainments, may be admitted as candidates for the degree of Master of Arts or Master of Science. The number of graduate students to be admitted each year will be determined by the Administration, in view of the situation obtaining in the College and in individual departments in that year. A candidate for the graduate degree must show competence in one language besides English. Each applicant will be advised, on request, of the language requirements to be met in the particular department in which he wishes to carry out his specialized study.

Applications, together with transcripts, should reach the Director of Admissions not later than May 1. Scholarship aid, financed by the T. Wistar Brown Fund, is available for qualified graduate students.

Charges.—For charges and fees see pp. 27-28.

Requirements

A candidate is required to pass four full-year advanced courses or their equivalent,* each with a grade of not less than 80, and to do satisfactory additional intensive work, which may take the form of a thesis or other research, equivalent to a full course. At least two of the courses and the additional intensive work must be in the special field chosen by the candidate, and the remaining courses in allied subjects. In addition, the candidate may be required, at the discretion of the professor in charge, to pass a comprehensive examination upon the field of his special study. The scope of the examination will be determined by the professor in charge, and will be communicated to the candidate when he is admitted as a graduate student. The entire plan of study must be drawn up by the candidate in consultation with the professor under whom he proposes to do the major part of his work. This plan must be submitted for approval before October 1 to the Chairman of the Committee on Graduate Program. After approval by this Committee, the program must be filed with the Registrar. In cases where a thesis is required, the candidate must deposit two copies of his thesis in the College Library at least two weeks before Commencement.

A minimum of one year's residence is required, and a candidate, if well

* In a full-year course, the course grade is the average of the two semester grades; in other cases each semester's work is a separate course, for the purpose of this requirement.

prepared, should be able to complete his work for the degree in this time. If his preparation is inadequate, a longer period of residence may be necessary, but the required work must be completed in not more than two academic years. Courses taken before the registration of the candidate as a graduate student at Haverford College will not usually be counted toward the degree.

Candidates who engage in any occupation or employment other than graduate study will not generally be able to satisfy the requirements for the degree in one year.

COURSES OF INSTRUCTION

THE NUMBERING SYSTEM used in this catalog involves a two-digit number for each semester course. Courses numbered from 11 through 19, primarily Freshmen courses, are open to all students; courses numbered from 20 through 30 are open to Sophomores, Juniors and Seniors; courses numbered from 31 through 60 are open to Juniors and Seniors; courses numbered from 61 through 80 are open only to Seniors; courses numbered from 81 through 89 are project courses open to Seniors and, in exceptional circumstances, to Juniors; in each department the course in preparation for the comprehensive examination is numbered 100.

When two course numbers, followed by a single description, are joined by a hyphen, the course is a year course; a student who takes the first semester of such a course must normally take the second semester. When two course numbers followed by a single description are separated by a comma, the first semester may be taken without the second, though the two are normally taken together as a year course. In either case, the first semester course is prerequisite to the second.

Unless further designated with an *a* (first semester) or a *b* (second semester), courses with uneven numbers are given in the first semester; those with even numbers in the second.

Where a course is listed as a prerequisite for another course, a grade of 65 or better will be required in the prerequisite course, unless otherwise specified; in exceptional circumstances, however, the instructor may waive this requirement at his discretion.

Each course carries three semester hours credit, and is offered annually, unless otherwise specified.

Astronomy

THE DEPARTMENTAL WORK is designed to give students an understanding of and an interest in the universe in which they live. At all times in the course work the relation of astronomy to the other fields of learning is kept to the fore. The courses progress from the elementary, through courses requiring more mathematical and physical background, to the strictly logical and critical development of a limited problem.

Major Requirements

Astronomy 11, 12, 45, 46, 81, 82, and 100; Mathematics 11, 16, 21, 22; Physics 13-14, 28.

Three written comprehensive examinations of three hours each.

11, 12. DESCRIPTIVE ASTRONOMY—*Four hours, including one laboratory period a week.* Mr. Green.

Our knowledge of the motions, composition, organization, and evolution of the solar system, stars, and galaxies is presented, together with explanations of the methods by which this information is obtained. The laboratory work consists of visual, photographic, and spectroscopic observations of the sun, moon, planets, stars, and nebulae. Prerequisite to *Astronomy 12* is *Astronomy 11* or consent of the instructor.

21, 22. READING COURSE IN STELLAR ASTRONOMY—Mr. Green.

Systematic reading in stellar astronomy from an established list of recent books and research articles. This course may be begun in either semester. Prerequisite: *Astronomy 11, 12.*

Not offered in 1958-59.

45. ASTROPHYSICS—Mr. Green.

An introduction to spectroscopy, quantum mechanics, and statistical mechanics leads to the study of ionic and molecular equilibria in the atmosphere of the stars, in the diffuse nebulae, and in interstellar space. Prerequisite: *Physics 28* and *Mathematics 21, 22*; Junior or Senior standing.

Offered in 1958-59 and alternate years.

46. ASTROPHYSICS—Mr. Green.

The transfer of radiation in stellar atmosphere, the internal constitution of the stars, and the sources of stellar energy. Prerequisite: *Physics 28* and *Mathematics 21, 22*; Junior or Senior standing.

Offered in 1958-59 and alternate years.

81, 82. SPECIAL TOPICS IN ASTROPHYSICS—Mr. Green.

The content of this course may vary from year to year to suit the needs of advanced students. It may be repeated for credit. Prerequisite: Considerable maturity in Mathematics, Physics, and Astronomy. Senior standing.

Not offered in 1958-59.

Biblical Literature

THE COURSES in this Department are intended to give opportunity for study of our literary, moral, and religious heritage from the cultures which flourished in the Eastern Mediterranean lands where the roots of our civilization lie.

Those courses which are specifically Biblical in content are directed toward appreciation and understanding of Old and New Testaments and Apocrypha, their history, meaning, and interpretation. These courses cover broadly the historical backgrounds, literary qualities, and enduring religious values in these works of creative genius. Biblical Literature 11, a survey of the whole Bible, is recommended as properly introductory to this field. Biblical Literature 12, 13, and 20, somewhat more advanced, place emphasis respectively upon the growth of religious ideas, the beginnings of the Christian movement, the literary history and art of the Bible, and its influence upon English and other literatures. Conference courses offer opportunity for intensive work by individual students on problems of archaeological, historical, or religious interest. Course 28 affords study of the broad background of the great early culture-centers of the Near East, where the first significant steps toward civilization were taken, many of whose achievements have come down in unbroken line into our western civilization. Finally, a course in comparative religions (Biblical Literature 23) is designed to acquaint the student with the nature and significance of religion in various cultures of our modern world.

Major Requirements

Six half-year courses in Biblical Literature, and Biblical Literature 100.

Six other half-year courses in either Biblical Literature or related departments, such as English, History, Philosophy, Psychology, Sociology.

Special study of one selected Biblical field, e.g., history, literature, the Old or New Testament.

A comprehensive examination covering the history, literature, and criticism of the Bible, and the religious and moral life of the Hebrews, Jews, and Christians.

11. INTRODUCTION TO THE BIBLE—Mr. Flight

Literary history of the Biblical books; problems of origins, growths, interpretation, literary and religious values.

12. DEVELOPMENT OF CHRISTIAN THOUGHT—Mr. Horn

An introduction to the study of Christian life and thought, with attention to selected theological and ethical problems in contemporary Christianity. The Biblical and extra-Biblical backgrounds of Christian thought will be examined and related to current discussions of the nature of the Christian faith.

13. **THE RISE OF CHRISTIANITY**—Mr. Flight.
A study of the background, early development, and spread of the Christian movement, up to the fourth century, as reflected in the New Testament, particularly in the book of Acts and the letters of Paul, and in the writings of the Church Fathers.
Not offered in 1958-59.
20. **THE ENGLISH BIBLE**—Mr. Flight.
(Also called *English 20*.)
History and literary art of the English Bible, particularly the King James version, and its influence on English and other literature. Not open to Freshmen.
Not offered in 1958-59.
23. **COMPARATIVE RELIGION**—Mr. Flight.
A comparative study of the great living religions, their founders, their scriptures, their characteristic ideas and ideals. Not open to Freshmen.
Offered in 1958-59.
24. **MODERN CHRISTIAN THOUGHT**—Mr. Horn.
A study of the development of Christian thought in the nineteenth and twentieth centuries with particular attention to the problems raised by scientific approaches to the study of religion. An historical examination of the sources of contemporary theology will be made, and selected works of contemporary theologians will be read. Prerequisite: *Biblical Literature* 11, 12, or 13.
Offered in 1958-59.
28. **ANCIENT HISTORY OF THE NEAR EAST**—Mr. Flight.
(Also called *History 28*.)
The beginnings of Western civilization in the cultures of the Near East; archaeological and historical. Not open to Freshmen.
Offered in 1958-59.
- 81 or 82. **SPECIAL TOPICS—ADVANCED SEMINAR**—Mr. Flight and Mr. Horn.
Individual work to be elected by the student from one or more of the following divisions of the field: literature, archaeology, history. Prerequisite: A grade of 85 or more in one course in the Department. Limited to six students. May be repeated for credit with change of content.

Biology

THE BIOLOGY program is designed to give a solid foundation in general biological principles, an insight into recent developments of experimental aspects of the field, and an opportunity for a research experience in the senior year.

The courses are built up in a sequence of three stages.

- 1) Four introductory courses to be taken at the freshman and sophomore level which cover biological principles (13, 21) and biological diversity (12, 14).

- 2) Six advanced courses (31, 32, 33, 35, 37, 38) to be taken at the junior or senior level designed to create sufficient competence for research in the senior year.
- 3) Three Senior Research Tutorials (61-62, 63-64, 65-66) involving reading of current literature, laboratory research, student lectures and seminars, and a senior thesis. The topics of these research tutorials lie in the areas of principal interest of the instructors.

Major Requirements

Biology 12, 13, 21, 31, 32, either 33 or 38, either 61-62, or 63-64 or 65-66, 100; Chemistry 13, 14, 23, 25. Where prerequisites are required for these courses, the student must achieve a grade of at least 70 in those courses or receive the consent of the instructor to apply them as prerequisites.

The Department strongly recommends the following additional courses since they provide a minimum theoretical background for advanced work in Biology: Mathematics 11, 16, Physics 13, 14, Chemistry 26, 31, 32.

Biology 100 consists of a series of seminars given by students and designed to tie together the work done in the three Senior Research Tutorials, and a written comprehensive examination at the end of the senior year.

12. **THE ANIMAL KINGDOM**—*Four hours, including one laboratory period a week.*
Mr. Finger.
A study of the evolution of structure and function in the animal kingdom.
13. **ORGANISMS IN TIME AND SPACE**—Mr. Loewy.
An introductory course dealing with the phenomenon of biological adaptation. It includes an elementary treatment of the principles of heredity and their application to population dynamics through time (evolution) and space (ecology).
14. **THE PLANT KINGDOM**—*Three hours. Two class periods and one laboratory period a week.*
A study of evolutionary development in the plant kingdom and of the structure and function of the higher plants. Advanced students can do additional work in plant physiology.
21. **PHYSICAL BASIS OF LIFE**—*Four hours, including one laboratory period a week.*
Mr. Loewy and Mr. Santer
An introductory course in the areas of biology conventionally denoted as Physiology, Biochemistry, and Biophysics. The course will attempt to give insight into the methods and subject matter of the physical-chemical approach to the study of living systems. Major emphasis is laid on cells rather than on correlative mechanisms between cells.
Prerequisite: *Chemistry 13, 14, or consent of the instructor.*

31, 32. MICROBIOLOGY—*Four hours, including one laboratory period a week.*

Mr. Santer.

A course dealing with the microbial worlds of bacteria, viruses, fungi and algae. The lectures will define these various groups and describe how they carry on their life processes. Great emphasis will be placed on biochemical studies which have helped to elucidate (1) pathways of substrate metabolism, (2) biosynthetic capabilities, (3) methods of reproduction. In the laboratory the student will learn the techniques of culturing and recognizing various microorganisms and will study bacterial metabolism.

Prerequisite: *Biology 21; Chemistry 23, 25* must be taken previously or concurrently.

33. GENETICS—*Four hours, including one laboratory period a week.*

Mr. Finger.

A consideration of hereditary mechanisms insuring regularity within the framework of diversity among living forms. Lectures will cover the contributions of the nucleus, cytoplasm, and environment to the development of a character and will be supplemented by laboratory experiments with the fruit fly, corn, and microorganisms.

Prerequisite: *Biology 13*. It is recommended that *Biology 31, 32* be taken concurrently.

35. READING COURSE IN EVOLUTIONARY THEORY—Mr. Finger.

The purpose of this course is to enable the student to acquaint himself with evolutionary theory, both current and past, by reading advanced textbooks, reviews and scientific journals.

Prerequisite: *Biology 33* and consent of the instructor.

37. EMBRYOLOGY—*Four hours, including one laboratory period a week.* Mr. Finger.

A study of the development of animal structure. Lectures and laboratory will deal mainly with the contributions of experimental embryology to an understanding of the mechanisms leading to cellular and organ differentiation.

Prerequisite: *Biology 12*. Not offered in 1958-59.

38. CELLULAR PHYSIOLOGY—Mr. Loewy.

The purpose of this course is to develop a theoretical basis for the study of some integrated cell functions (osmotic, electrical and contractile work). Emphasis is placed on the physics and chemistry of proteins and nucleic acids and the sub-microscopic structure of the cell.

Prerequisite: *Biology 21, Physics 13, 14* to be taken previously or concurrently.

61-62. SENIOR RESEARCH TUTORIAL IN COMPARATIVE BIOCHEMISTRY—

Mr. Santer.

Individual student research on various aspects of microbial metabolism. Present projects are concerned with the metabolism of chemosynthetic microorganisms. Laboratory work is supplemented with readings, written reports and seminars on advanced topics in microbiology and biochemistry.

Prerequisite: *Biology 31, 32*.

63-64. SENIOR RESEARCH TUTORIAL IN CELLULAR ARCHITECTURE—Mr.

Loewy.

Readings from current textbooks and periodicals on structural aspects of proteins,

nucleoproteins, cellular particulates and cells. Considerable emphasis is placed on techniques by which fine structure can be studied. Research in an area relating protein chemistry to cellular fine structure and cellular function. Student lectures on readings and research.

Prerequisite: *Biology 38*.

65-66. SENIOR RESEARCH TUTORIAL IN PHYSIOLOGICAL GENETICS—

Mr. Finger.

Experiments will deal mainly with approaches to the problem of the interaction of genes and non-genic elements in determining cellular function. The experimental work will be carried out with microorganisms, especially protozoa, and experience will be gained in experimental design, culture and handling of small organisms, immunological techniques, and the statistical analyses of biological data.

Prerequisite: *Biology 33* or permission of the instructor.

81, 82. PROJECT COURSES—Mr. Finger, Mr. Loewy and Mr. Santer.

Open only by permission of instructor.

Chemistry

THE SEQUENCE of courses in chemistry affords a developing knowledge of chemistry as a rational science, culminating in the exploration of a frontier of scientific knowledge. Fundamental principles and their application to the solution of scientific problems are stressed throughout and illustrated in laboratory work. The first course is designed to give a broad view of the principal concepts, methods and areas of application of the science of chemistry and is therefore well suited to provide experience in science to those primarily interested in other fields. At the same time this course provides the general preparation required for subsequent courses in the areas of inorganic, organic, analytical and physical chemistry. The course program provides full preparation for professional work in chemistry and offers the opportunity for direct contact with research work in the senior year.

A Major in chemistry who intends to undertake graduate study in the field should include in his program courses 63 and 66, together with German 13-14 and Mathematics 21, 22. This is in accord with the level of accomplishment recommended by the American Chemical Society. For the courses in chemistry needed for premedical preparation, see page 41.

Major Requirements

Chemistry 13, 14, 23, 24, 25, 26, 31, 32, one additional advanced course, and 100.
Physics 13, 14, Math. 11, 16.

The comprehensive examination will cover the general field of the chemistry courses listed above.

Students who are considered qualified to become candidates for Final Honors will be invited to do so in the second semester of the Junior year. Honors work will include independent reading, project courses, and superior performance in Chemistry 100.

13, 14. GENERAL CHEMISTRY—*Four hours, including one laboratory period a week.*
Department staff.

A study of chemical principles, beginning with the laws of chemical combination and proceeding with detailed interpretation of chemical behavior in terms of the electronic structures of atoms and molecules. Topics covered in the first semester will include: modern theory of atomic structure and its relation to the periodic system of elements, types of chemical bonds with emphasis on ionic compounds, oxidation and reduction, acids and bases, chemical equilibrium. Topics covered in the second semester will include: the nature and properties of the covalent bond, the concepts of structure, isomerism, and functional group, and a survey of the chemistry of some representative covalent compounds of various elements.

A special section of this course is available for students with above average aptitude for and preparation in science. Various special topics will be covered in addition to those mentioned above. Assignment to this section is at the discretion of the Department.

23, 24. INORGANIC AND ANALYTICAL CHEMISTRY—*Four hours. Two class periods and two laboratory periods a week.* Mr. MacKay.

A study of the principles, methods and factual matter of inorganic and analytical chemistry. The lectures deal with electrolyte solutions, ionic equilibria and systematic inorganic chemistry. Laboratory work will include qualitative and quantitative analysis. Prerequisite: *A grade of 70 or higher in Chemistry 14, or consent of the instructor.*

25, 26. ORGANIC CHEMISTRY—*Four hours, including one laboratory period a week.*
Mr. Walter and Mr. Dunathan.

A survey of the chemistry of the functional groups common in organic compounds and of the elementary theoretical basis of organic chemistry. Prerequisite: *A grade of 70 or higher in Chemistry 14, or consent of the instructor.*

31, 32. PHYSICAL CHEMISTRY—*Three hours, or four hours including one laboratory period a week.* Mr. Williams and Mr. Cadbury.

A study of the physico-chemical properties of matter, the first and second laws of thermodynamics, homogeneous and heterogeneous physical and chemical equilibrium, electrochemistry and chemical kinetics. Prerequisites: *Chemistry 23, Physics 13, 14, Math. 11, 16.*

61. ADVANCED PHYSICAL CHEMISTRY—*Three hours.*

A study of atomic and molecular structure from a chemical viewpoint. Various special topics in physical chemistry will be included. Prerequisite: *Chemistry 32.* Not offered in 1958-59.

63. QUALITATIVE ORGANIC ANALYSIS—*Four hours. Three laboratory periods and one lecture each week.* Mr. Dunathan.

Further development of the principles of organic reactions, and practice in their application to experimental identification of organic compounds. Prerequisite: *Chemistry 26.*

64. ADVANCED ORGANIC CHEMISTRY—*Three hours*. Mr. Walter.
Selected topics from the fields of stereochemistry, reaction mechanisms and the structure and biosynthesis of natural products. Prerequisite: *Chemistry 26*.
66. ADVANCED QUANTITATIVE ANALYSIS—*Four hours. Two lectures and two laboratory periods a week*. Mr. Williams.
A study of the principles and practice of modern analytical chemistry, including laboratory exercises in optical, electrochemical and other instrumental methods of analysis. Prerequisite: *Chemistry 32* (may be taken concurrently).
- 81 and 82. CHEMICAL RESEARCH—Staff.
Special projects in chemical research. May be taken only with consent of the staff. Expected of Honors candidates.

Economics

THE WORK in Economics is intended primarily to develop in students an understanding of the working of modern economic society, to give practice in the interpretation of economic data, to arouse an informed interest in public affairs, and to lay the basis for the formation of intelligent judgments in the field of economic policy. The introductory courses, Economics 11 and 12, are designed to give the basic understanding of economic processes and of economic organization that should be part of a liberal education. The advanced courses also are offered as part of a program of liberal education, but are designed to meet, at the same time, the needs of men going on to graduate work in economics or business administration or directly into business. Several of the advanced courses should be of special value to men planning to enter the fields of law, journalism, the foreign service, or other government work. In the advanced courses emphasis is placed on the use of source materials and on research methods in economics, and students gain experience in the preparation of analyses and reports.

In Economics 81 and 82 there is wide latitude with respect both to subject matter and to course method. The specific subjects in each will vary from year to year, depending on the interests and capacities of the students.

Men expecting to major in Economics are advised to take, in the Freshman year, Economics 11 and 12, Mathematics 11 and either Mathematics 14 or 16. (Mathematics 16 is recommended for those who think they may go on into graduate work in economics or business administration.)

Major Requirements

Economics 11, 12, 23, 24, 31, 32, 81 or 82, and 100; and two other semester courses in Economics. Economics 100 consists of a study of a major problem in a way that calls upon each student's background in other courses and, in so far as is possible, integrates the study of economics with related social sciences.

Mathematics 11 and three other approved semester courses in the social sciences or mathematics.

A comprehensive examination which normally includes a written examination, an oral examination, and the preparation of a research memorandum.

11b. ECONOMIC GROWTH AND WELFARE IN A FREE SOCIETY—Mr. Teaf and Mr. Lyons.

A study of the main features of modern economic life in the United States, including the resource base and technological setting, the institutions, organization, and the functioning of capitalism. Emphasis is placed on the problem of economic stability and the relation thereto of national income, the banking system, inflation, the public debt, and government policy.

12a. THE PRICE SYSTEM IN OPERATION—Mr. Teaf, Mr. Hunter and Mr. Lyons.

A study of the manner and extent to which the basic economic questions of what is to be produced, how it is to be produced, and for whom it is to be produced are solved by the pricing system. Special emphasis is placed on current operation of the price system in agriculture, industry, public utilities, and international trade; on control of prices through monopoly or government action; and on how these basic economic problems are solved under economic systems different from that of the United States.

Economics 11 and 12 together present the basic elements for an understanding of current economic problems. Students who are planning further work in economics or other social sciences are encouraged to take both courses.

23. ACCOUNTING—Mr. Teaf.

A study of the fundamentals of accounting and their application to current economic problems and issues of public policy, elementary theory and the methods of accumulating and reporting accounting data; problems of accounting measurement in a dynamic economy when prices are changing; the uses of accounting data in managerial decision-making. Prerequisite: *Economics 11 and 12*, or permission of instructor.

24. ECONOMIC DECISION THEORY—Mr. Lyons.

An introduction to economic decision-making processes and their effects on growth. The topics examined include: the theory of production and distribution, input-output analysis, linear programming, game theory. Prerequisites: *Economics 11, 12, and Mathematics 11*.

31. MONEY, BANKING, AND ECONOMIC STABILITY—Mr. Lyons.

A study of the theoretical framework necessary for understanding economic instability and of the monetary means available in the United States for the promotion of a stable level of activity. The course is divided into five central parts; an analysis of the circular flow of payments and the determination of the level of income, with special reference to the role of money; money and banking processes and determinants of the money supply as a basis for policy; Federal Reserve and debt management policy; the meshing of national monetary systems; and monetary panaceas and monetary reform. Emphasis is placed on the application of theory to understanding past events and to forecasting the future. Prerequisite: *Economics 11*.

32. GOVERNMENT FINANCE

An analysis of major issues in the field of government revenues and expenditures. Topics considered include standards for government expenditures, principles of equity in taxation, use of the budget to stabilize economic activity, political and economic problems in the implementation of public policy. Prerequisite: *Economics 11 and 12.*

33. POPULATION POLICIES AND PROBLEMS—Mr. Reid.

(See *Sociology 33.*)

34. SOCIAL INSURANCE AND PUBLIC WELFARE—Mr. Somers.

(See *Political Science 34.*)

36. LABOR ECONOMICS AND LABOR RELATIONS—Mr. Teaf.

(Also called *Sociology 36.*)

A study of the fundamentals of the employer-employee relationship, such as wages, hours, security; the functioning of labor organizations and government; the purposes and methods of collective bargaining. Special emphasis is placed on methods of resolving industrial conflict. Prerequisite: *Economics 11 and 12*, or permission of instructor.

37. THE CORPORATION—Mr. Lyons.

An analysis of the economic and legal organization of modern corporations; their relation to security holders and securities markets; statutory regulation of their financial activities; economic aspects of internal decision-making problems; and evaluation of their impact on modern society. Prerequisite: *Economics 23.* Not offered in 1958-59: see *Economics 81, 82.* To be offered in 1959-60 and alternate years.

39b. GOVERNMENT AND BUSINESS

(Also called *Political Science 39.*)

An analysis of industrial market organization and government regulation of market practices. The history of anti-trust policy is reviewed and selected recent cases are discussed. Other topics include trade associations, cartels, basing-point pricing, and governmental price control. Opposing views on proper public policy are discussed and evaluated. Prerequisite: *Economics 12.* To be offered in 1958-59 and alternate years.

41. THE SOVIET SYSTEM—Mr. Hunter.

(Also called *Political Science 41.*)

An analysis of the Soviet record as a case study in rapid industrialization. The evolution of major political, economic, and social institutions is reviewed; attention is given to trends and prospects. The topics examined include: the background of the 1917 Revolutions; the rise of Stalin and evolution of total government; forced industrialization and agricultural collectivization; stabilization of Soviet social organization; factors explaining wartime survival and postwar recovery; evaluation of trends since 1953. Prerequisite: Four semester courses in the social sciences, or permission of the instructor.

42. THE ECONOMICS OF DEVELOPMENT—Mr. Teaf.

An examination of the process of economic growth, especially the industrialization of partially developed or underdeveloped areas. Particular attention will be paid to problems of capital formation, to the influence of different social and political systems upon development, to the problems posed by differences in cultures, and to international cooperation. Prerequisite: *Economics/Political Science 41 or 53.*

53, 54. INTERNATIONAL RELATIONS: ECONOMIC AND POLITICAL—Mr. Freund.

(Also called *Political Science 53, 54.*)

An examination of the major factors which condition international relations, with special emphasis on political and economic aspects. Political Science 53 and 54 are designed as a year course; together they present the basic elements for an understanding of current international problems. The first semester's work focuses on certain basic elements: physical and human resources, fundamental economic and political concepts (e.g., trade, investment, nationalism, and imperialism) and some analysis of the interaction of these factors prior to World War II.

Against this background, the second semester is devoted to an analysis of major international developments since World War II. This study deals with selected functional problems—e.g., economic development, commercial policy, and the settlement of disputes—and area problems, especially those affecting Europe and Asia. This is followed by individual or group projects. Prerequisite: *Economics 12 and Political Science 22.*

81, 82. PROJECT AND READING COURSES—Members of the Department.

Advanced study of selected issues in (a) domestic economic policy, (b) international economic relations, or (c) modern industrial and commercial organization. In each semester there may be a seminar if the interests of individual students overlap; otherwise each student will have an individual research or reading program. Admission is subject to the consent of the instructor.

Engineering

HAVERFORD gives a fundamental engineering education based on the broad, well established liberal arts program so much emphasized as needed to meet today's requirements and is exceptionally well suited for preparing a student for a career in engineering, business or industry.

Students not intending to enter the highly specialized fields of design and research will find the Haverford courses ample for their needs. Graduates of Haverford who have majored in engineering are admitted to the student-engineers' courses of the leading industrial companies on equal terms with graduates of engineering colleges. Those who desire more technical training before entering the active work of the profession are granted substantial credit toward advanced standing in technical institutions or are admitted to their graduate schools.

The engineering courses are conducted in Hilles Laboratory of Applied Science, a modern building with mechanical and electrical laboratories and other necessary facilities. Classes are small with close student-professor relationships.

Exceptional facilities are offered by the numerous industries in the Philadelphia area that welcome our students to visit their plants and the technical societies that invite them to their meetings. Frequent field trips are made.

Major Requirements

Engineering 11, 12, 21, 22, 33, 34, 41, 42, 100, and a Departmental seminar in which each Junior presents one paper, each Senior two papers on investigations of some engineering topic. Mathematics 21, 22, Physics 13, 14 and two half-year courses in Chemistry. The problems of the comprehensive examination are comparable to those of state examinations for a professional engineer's license.

Courses in Mathematics, Physics and Chemistry will be considered preliminary courses as defined on page 39.

11. PRINCIPLES OF ENGINEERING DRAWING AND SHOP METHODS—

Three laboratory periods a week. Mr. Hetzel and Mr. Wilson.

Two laboratory periods a week of instruction in the methods and conventions of engineering drawing and sketching: the use of instruments; orthographic, isometric, oblique and perspective drawings; intersections and developments; dimensioning. One period a week is spent in the shop working on metal-working machine tools. Two inspection trips to local industries.

12. ENGINEERING DRAWING, SURVEYING, AND SHOP METHODS—

Three laboratory periods a week. Mr. Hetzel and Mr. Wilson.

Two laboratory periods a week of drawing and surveying: detail and assembly drawings; problems in descriptive geometry of lines and planes; a study of uniform and logarithmic graphs and of nomographs; solution of typical engineering problems; eight field exercises in plane surveying; surveying computations, drawing and mapping. One period a week is spent in the shop, machine-tool work on lathe, shaper and milling machine. Inspection trips. Prerequisite: *Engineering 11*.

21. KINEMATICS OF MACHINES—*One class period and two laboratory periods a week.* Mr. Holmes.

This course is an introduction to the understanding of machinery through the analysis of displacement and velocity in linkages and other mechanisms by means of diagrams and centros, the design of cams, belts and chains, gears and gear trains and other devices for the transmission of motion. Prerequisite: *Engineering 11* or consent of the instructor.

22. ANALYTICAL MECHANICS—Mr. Holmes.

A study of forces and moments of forces; determination of forces in trusses and cranes; centroids and center of gravity; rectilinear and curvilinear motion; translation and rotation of bodies; work, power, and energy; impulse and momentum; balancing and moments of inertia. Prerequisite or parallel course: *Mathematics 21, 22*.

33. **ELEMENTS OF ELECTRICAL ENGINEERING**—*Four hours, including one laboratory period a week.* Mr. Hetzel and Mr. Wilson.
Electrical and magnetic circuits, electrical measurements, theory and performance of direct-current machinery and distribution systems are studied by text assignments and problems, lecture and class discussion, and laboratory experiments. Prerequisite: *Physics 13, 14, Mathematics 21, 22.*
34. **ELEMENTS OF ELECTRICAL ENGINEERING** — *Four hours, including one laboratory period a week.* Mr. Hetzel and Mr. Wilson.
This course deals with alternating-current circuits and machinery: single phase and polyphase circuits, transformers, generators, motors, transmission and distribution systems, instruments, control systems, and an introduction to electronics. Prerequisite: *Engineering 33.*
41. **MECHANICS OF MATERIALS**—*Two class periods and one laboratory period a week.* Mr. Holmes.
A study of stress and strain, beams and columns, shafting, girders, combined stresses, etc. Inspection trips. Text: Singer, *Strength of Materials*. Prerequisite: *Mathematics 21, 22 and Engineering 22.*
42. **THERMODYNAMICS**—Mr. Holmes.
Energy, gas laws, vapors; mixtures of gases and vapors; theoretical and actual thermodynamic cycles for power and refrigeration. Not open for Freshmen and Sophomores. Prerequisite: *Physics 13, 14.*
- 63, 64. **ELECTRONICS**—(See *Physics 63, 64.*)
- 81, 82. **SPECIAL PROJECTS**
Required of candidates for High and Highest Honors in Engineering but open to all students with the necessary prerequisites after consultation with the instructor. Students in Engineering are encouraged to do individual work in some special field of investigation.
The following fields of study are suggested:
- FLUID MECHANICS.** Mr. Holmes.
Prerequisite: *Mathematics 21, 22, and Physics 13, 14.*
- DESIGN OF MACHINE ELEMENTS.** Mr. Holmes.
Prerequisite: *Mathematics 21, 22, Engineering 22, 41.*
- INTERNAL COMBUSTION ENGINES.** Mr. Hetzel.
Prerequisite: *Physics 13, 14.*

English

THE ENGLISH DEPARTMENT offers the opportunity to study significant formulations of the human spirit in the English language, and to do critical and creative writing.

Many students who choose to major in English intend to pursue some aspect of the subject professionally: to proceed to graduate school, to teach literature,

or to undertake a literary career. The program of the Department provides preliminary education for all these purposes. The study of English literature is recommended likewise to those students who wish to acquire a knowledge of their literary heritage, or to gain an acquaintance with the use of the English language, before entering a non-literary profession, such as law, government service, the ministry, medicine, or business. The Department welcomes such students.

English 11-12 is required of all Freshmen in the college; this course, or its equivalent, is a prerequisite to all further work in the Department. English 11-12 provides tutorial instruction in writing and an introduction to the study of literature.

Students who have difficulty in expressing themselves orally are recommended to take work in public speaking. The attention of slow readers is called to the remedial work in reading.

Courses 20, 21, 22, 25, 26, 29 and 37 are open to all students in the college who have met the prerequisites.

Other courses are designed primarily for students intending to major, or already majoring, in English or closely related fields. They are open to other students only by permission of the instructor concerned. A central sequence of courses is arranged for students majoring in English. It consists of 23 (Renaissance) and 24 (Seventeenth Century) normally to be taken in the Sophomore year, and 31 (Eighteenth Century) and 32 (Nineteenth Century) normally to be taken in the Junior year. Courses numbered in the 60's are seminar courses, in most cases based on earlier work in the period; courses numbered in the 80's are devoted to individual projects, requiring a general knowledge of the field in which the project is undertaken.

Major Requirements

Students who plan to proceed to graduate work after college are reminded that a knowledge of Latin is required by most graduate schools for the Ph.D. degree in English.

Three semester courses from the following: Renaissance (23), Seventeenth Century (24), Eighteenth Century (31), Nineteenth Century (32). Two other English courses chosen in consultation with the chairman of the department. Two courses numbered in the 60's (or one in the 60's and one in the 80's). English 100. Eight semester courses in all.

The Comprehensive Examination in English will require a knowledge of the four major periods of English literature as provided in courses 23, 24, 31 and 32. Supporting material may be chosen from Chaucer (64), Shakespeare (33 and 62), American literature (25 and 26) and Twentieth Century (35 and 36).

- 11-12. **READING AND WRITING ON HUMAN VALUES**—Messrs. Ashmead, Lester, Quinn, Rose, Satterthwaite, Sheats and Mrs. Quinn.
Tutorial instruction in writing. Readings in the Humanities, centered on values in Western Civilization. Weekly writing, based on reading program. Two class meetings and one tutorial meeting weekly.
20. **THE ENGLISH BIBLE**—Mr. Flight.
(See *Biblical Literature* 20.)
21. **GENERAL COURSE IN ENGLISH LITERATURE**—Mr. Sheats.
Major figures in English Literature from Chaucer to Milton (including Shakespeare). Intended primarily for students who do not expect to major in literature.
22. **GENERAL COURSE IN ENGLISH LITERATURE**—Mr. Sheats.
Major figures in English Literature from Swift to Eliot. Intended primarily for students who do not expect to major in literature.
23. **LITERATURE OF THE ENGLISH RENAISSANCE**—Mr. Sargent, Mr. Satterthwaite.
A critical study of poetry, prose and drama from Wyatt to Jonson, with brief attention to Shakespeare. The first in a sequence of period courses designed primarily for students intending to major in literature. Enrollment limited.
24. **LITERATURE OF THE SEVENTEENTH CENTURY**—Mr. Quinn, Mr. Satterthwaite.
A study of English literature from the metaphysical poets to Dryden, including Milton. The second of the sequence designed primarily for those intending to major in literature. Enrollment limited.
25. **AMERICAN LITERATURE TO WHITMAN**—Mr. Ashmead.
Chiefly devoted to Poe, Hawthorne, Melville; Emerson, Thoreau, Whitman.
26. **AMERICAN LITERATURE FROM WHITMAN TO DREISER**—Mr. Ashmead.
Chiefly devoted to Whitman, Dickinson, Lanier; Twain, Howells, James; Melville, Crane, Dreiser.
29. **GREEK LITERATURE IN ENGLISH**—Mr. Kennedy.
(See *Greek* 29.)
31. **LITERATURE OF THE EIGHTEENTH CENTURY**—Mr. Rose.
A study of the major literary works of the neo-classic and early romantic movements, from Defoe to Wordsworth and Coleridge. Prerequisite: *English* 24, or consent of the instructor.
32. **LITERATURE OF THE NINETEENTH CENTURY**—Mr. Lester.
A study of major literary works of the romantic and Victorian periods, from Byron to Hardy. Prerequisite: *English* 31, or consent of the instructor.
33. **SHAKESPEARE**—Mr. Sargent.
Extensive reading in Shakespeare's plays. Designed primarily for students majoring in literature. Prerequisite: *English* 21, 22, 23, or 24, or consent of the instructor. Enrollment limited.

35. BRITISH LITERATURE OF THE TWENTIETH CENTURY—Mr. Quinn.
Selected writers in poetry, prose and drama. Prerequisite: Two courses in *English* beyond 11-12.
36. AMERICAN LITERATURE OF THE TWENTIETH CENTURY—Mr. Rose.
Selected writers in poetry, prose and drama. Prerequisite: Two courses in *English* beyond 11-12.
37. CREATIVE WRITING—Mr. Sargent.
Practice in writing imaginative literature. Chiefly confined to prose fiction. Regular assignments, class discussions and personal conferences. Prerequisite: Junior standing. May be repeated for credit.
61. SPECIAL TOPICS IN NINETEENTH-CENTURY LITERATURE—Mr. Lester.
Seminar discussions and independent critical studies. Prerequisite: *English* 32 and consent of the instructor. Limited to nine students. Priority to Senior English majors.
62. TOPICS IN SHAKESPEARE—Mr. Sargent.
Close study of a few plays. Seminar. Prerequisite: *English* 23 or 33 or consent of the instructor. Priority to Senior English majors.
64. CHAUCER AND THE CHAUCERIANS—Mr. Quinn.
A study of the *Canterbury Tales*, *Troilus and Criseyde*, Chaucer's prose, and the work of Henryson and Dunbar. Prerequisite: Senior standing and consent of the instructor. Seminar. Limited to nine students.
81. PROJECTS IN AMERICAN LITERATURE—Mr. Ashmead.
Chiefly devoted to American Literature of the Eighteenth and Nineteenth centuries. Students must draw up their projects in consultation with the instructor. Recommended for students who are candidates for Final Honors. Prerequisite: *English* 25, 26 or 36, or consent of the instructor. Limited to nine students. Priority to Senior English majors.
82. PROJECTS IN RENAISSANCE OR CONTEMPORARY LITERATURE—Mr. Sargent.
Projects may be undertaken in the literature of Shakespeare's Age, or in modern British or American literature, but they must be drawn up in consultation with the instructor. Recommended for students who are candidates for Final Honors. Prerequisite: One of the following: *English* 23, 31, 33, 35, or 36, or consent of the instructor. Limited to nine students. Priority to Senior English majors.

French

(See Romance Languages)

General Courses

HUMANITIES 21-22. INTERPRETATION OF LIFE IN WESTERN LITERATURE—

Mr. Gutwirth, Mr. Rose, Mr. Satterthwaite, and Mr. Shaw.

A study in their entirety of selected literary and philosophic works which are great imaginative presentations of attitudes toward life. The course spans Western culture from Homer to the present, and the readings are drawn from all the major literatures of the West, in the best available translations. Stress is laid on student involvement in issues raised by these books; consequently, the class work is handled entirely by the discussion method. Prerequisite: *English 11-12*; Sophomore standing.

PHYSICAL SCIENCE 31. INTERATOMIC AND INTERMOLECULAR FORCES—

Mr. Green.

This course deals with the quantum mechanical explanation of chemical bonding, its ionic, covalent, and metallic character as well as its steric properties. The course also deals with the forces between molecules, and this discussion leads on the one hand to some explanation of the properties of gases, liquids, and solids and on the other to certain speculations in the biological field. Prerequisite: *Mathematics 22*, *Physics 14* and *Chemistry 14*; or the consent of the instructor.

PHYSICAL SCIENCE 36. HISTORY AND PHILOSOPHY OF SCIENCE—Mr. Green.

(Also called Philosophy 36.)

This course is designed for the non-science major and the science major alike. The rise of modern science is discussed against the background of 16th and 17th century thought. The history of mechanics is carried forward to the relativity theory, and the history of optics and atomic structure leads to the quantum mechanics. The development of our ideas as to the nature of science is described and the implications of such concepts as the relativity of space and time, the indeterminacy principle, and complementarity are discussed. Prerequisite: the consent of the instructor, or a year of college mathematics.

German

THE MAIN OBJECTIVE of the German courses is twofold: 1) the acquisition of the language; 2) the study of the literature and civilization of which it is the medium. The courses are planned and conducted with the aim of enabling the individual student to fulfill most effectively his prospective needs. Hence provision is made for acquiring a practical speaking knowledge of the language as well as the ability to read it for undergraduate and post-graduate research, for which in many fields it is indispensable. An appreciation of German literature from the Middle Ages to the Contemporary Period is offered in a relatively wide range of courses.

German 11-12, 13-14, and 24 are primarily language courses. German 15 stresses literature, but combines this with practice in the language. The remaining courses are devoted largely to the history of German literature from

the earliest times to the present, and to the intensive study of special periods and eminent authors.

The collateral reading required in German 13-14 generally consists of works of literature but it may be done in the fields of philosophy or history or, at the discretion of the instructor, in the natural sciences.

Opportunity is given to students who complete German 11-12 or German 13-14 with distinction to advance rapidly into higher courses by passing a special examination on a prescribed program of collateral reading.

It is possible and in some cases highly desirable for a Major in German or a student otherwise interested in advanced work to take his Junior year abroad in a supervised Junior year program. Attention also is called to the opportunities offered by university summer schools in Germany, Austria and Switzerland, and to international seminars and work camps sponsored by the American Friends Service Committee and other organizations in these countries.

Major Requirements

German 21-22, 24, 31 (or 32), 33, and 100.

Supporting courses to be arranged in conference with the Major Supervisor.

A comprehensive examination covering: 1. The German language; 2. History of the German language; 3. German literature; 4. German history, 800-1945; and 5. A special period, literary movement, or author.

11-12. ELEMENTARY GERMAN—Mr. Kelly, Mr. Pfund, and Mr. Heydebreck.
Grammar, conversation and the reading of simple texts.

13-14. INTERMEDIATE GERMAN—Mr. Pfund and Mr. Cary.

Texts of moderate difficulty but of value as literature or as contributions to the history of ideas are read both in class and as outside work. The ability to understand spoken German and to engage in simple conversation is stressed. One hour a week is devoted to grammar review and composition. Prerequisite: *German 11-12* or the equivalent.

15. INTRODUCTION TO GERMAN LITERATURE—Mr. Cary.

A selection of readings in German literature from the age of Goethe to the contemporary period. One hour a week is devoted to composition and conversation based on the reading and on various phases of German culture. Prerequisite: *German 13-14* or the equivalent.

21-22. THE AGE OF GOETHE—Mr. Pfund.

Lectures and discussions on, and readings of, the chief works of Goethe (exclusive of *Faust*), Schiller, and certain of their contemporaries with a view to an understanding of the periods of Enlightenment, Storm and Stress, Classicism, and the beginnings of Romanticism. Emphasis upon literary and aesthetic appreciation and cultural backgrounds. Prerequisite: *German 15* or the equivalent.
Offered in 1958-59.

24. **ADVANCED COMPOSITION AND CONVERSATION**—Mr. Cary.
The acquisition of an idiomatic command of the language in writing and speaking is stressed. Works of contemporary writers such as Thomas Mann, Hesse, Kafka, Wiechert and Bergengruen form the basis of discussion. Prerequisite: *German 15* or the equivalent.
Offered in 1958-59.
31. **NINETEENTH CENTURY LITERATURE**—Mr. Cary.
Dramas and Novellen by selected writers from Büchner to Hauptmann. Prerequisite: *German 15* or the equivalent.
Not offered in 1958-59.
32. **GERMAN ROMANTICISM**—Mr. Cary.
A study of German Romanticism as a literary and philosophical school of thought. Prose, drama, and poetry of selected writers from Tieck to Heine. Prerequisite: *German 21-22* or permission of the instructor.
Offered in 1958-59.
33. **HISTORY OF GERMAN LITERATURE FROM ITS ORIGINS TO THE SEVENTEENTH CENTURY**—Mr. Pfund.
Lectures in German, with collateral reading in modern German of the *Nibelungenlied*, Hartmann von Aue, Wolfram von Eschenbach, Gottfried von Strassburg, and others. Discussion, written and oral reports. Prerequisite: *German 21-22* or permission of the instructor.
Not offered in 1958-59.
36. **GERMAN LYRIC POETRY**—Mr. Pfund.
Lyricists from Walter von der Vogelweide to contemporary poets are read and discussed with emphasis on Goethe, Hölderlin, the Romanticists, Mörike, George, Hofmannsthal and Rilke. Prerequisite: At least one course beyond *German 15*.
Not offered in 1958-59.
37. **FAUST**—Mr. Pfund.
An intensive study of Goethe's *Faust* in the original. Consideration is given to kindred works in European literature. Prerequisite: At least one course beyond *German 15*.
Offered in 1958-59.
38. **MODERN GERMAN LITERATURE**—Mr. Maass.
A critical analysis and aesthetic evaluation of representative works of Thomas Mann, Kafka, Rilke, Werfel and others. Lectures, discussions and one term paper. The course will be conducted in English. Admission by permission of the instructor or the Chairman of the Department.
Offered in 1958-59.
- 81 or 82. Mr. Pfund and Mr. Cary.
Individual work in various fields of German culture, such as literary theory, Baroque literature and contemporary literature. Prerequisite: At least one course beyond *German 15*. May be repeated for credit with change of content.

Greek

THE WORK in Greek can be modified to suit the needs of individual students. The elementary course provides some insight into the culture of the ancient Greeks, and into linguistic problems generally, besides leading to a knowledge of Greek adequate for the reading of the Gospels and of easy classical authors. More advanced courses are intended for students with an interest in history, philosophy, or literature; the authors read are studied for their value in these fields. Students are encouraged, to the extent of their capacity, to develop an imaginative understanding of art, philosophy, and science as forces in human life. The special contribution of the Greeks in these fields will be assessed and its significance in European history and in current education will be noted. A knowledge of Greek is a great asset in many fields of graduate study.

Major Requirements

Greek 31, 32, and four half-year courses selected in consultation with the Major Supervisor; Greek 100.

Three additional courses to be arranged in conference with the Major Supervisor. If Greek 21, 22 is not taken in college, an additional half-course will be required.

A comprehensive examination on Greek language and literature, Greek history, and Greek civilization.

11-12. **ELEMENTARY GREEK**—Mr. Kennedy.

Thorough study of the elements of the language followed by the reading of simple prose. This course should be taken in the Freshman year, if possible.

21, 22. **INTERMEDIATE GREEK**—Mr. Kennedy.

A rapid reading course in such authors as Homer, Euripides, and Plato. Prerequisite: *Greek 11-12* or the equivalent.

27. **GREEK HISTORY**—Mr. Kennedy.

(Also called *History 27*.)

A survey of Greek history to 323 B.C., with reports on the art, archaeology, and political institutions of Greece. No knowledge of the Greek language is required. Prerequisite: Sophomore standing.

Offered in 1959-60 and alternate years.

29. **GREEK LITERATURE IN ENGLISH**—Mr. Kennedy.

(Also called *English 29*.)

Lectures on Greek literature. Reading of Greek poetry, drama, and literary criticism in translation. Essays and discussions. No knowledge of Greek is required in this course, but a general acquaintance with English literature is essential. Prerequisite: Sophomore standing.

31, 32. **ADVANCED GREEK**—Mr. Kennedy.

Selections from historians and dramatists are read. Prerequisite: *Greek 21, 22*.

61, 62. ADVANCED GREEK—Mr. Kennedy.

The instructor will arrange with students electing this course a systematic study of special subjects in Greek philosophy, history, literature, or composition in connection with the reading of Greek authors. May be repeated for credit with change of content. Prerequisite: *Greek 31, 32.*

History

THE COURSES IN HISTORY are designed to give some conception of the development of the civilizations which exist in Europe and in the United States today. Since history is the story of what men have done, it is related to every other field in the curriculum, but the limitation of time forces a selection of those aspects of human activity which can be treated in any course. An attempt is made to give a reasonably rounded view of those developments which are deemed most important in the period under consideration as a background for understanding other subjects in the fields of the humanities and the social sciences. With a variation of emphasis in each course, caused in part by the nature of the growth of civilization in the period and in part by the amount and the kind of historical evidence which has survived, attention is given to such phases of development as the political, constitutional, social, economic, religious, and intellectual. History 11-12 is intended to be an introductory course, and, although it is not a prerequisite for the election of any other course in the Department, it is required for those who major in History.

The study of history provides a background against which current problems of internal and external policies may be viewed to advantage. It also helps to develop critical standards for the evaluation of evidence which can often be applied in forming opinion with regard to the solution of such problems. Finally, it is useful as a foundation for professional studies not only in history but also in such subjects as public administration, journalism, and law.

Major Requirements

HISTORY

History 11-12 and four other full year courses (or three full year courses and two half year courses) in History; History 100.

Two full year courses or their equivalent in related departments.

Written examinations of three hours each in four fields.

HISTORY AND LITERATURE

The major in History and Literature allows qualified students to obtain a knowledge of the relation between History and Literature in two distinct periods or centuries.

A student should take six semester courses in English and American Literature, and six in English and American History above the elementary level. Of these courses, one in each department (History and English) should be a seminar or project course.

Students may enter this major program only by consent of the departmental chairman and the Dean. History 11-12 is a prerequisite for this major.

11-12. INTRODUCTION TO WESTERN CIVILIZATION—Mr. MacCaffrey.

A study of Western European civilization from the fall of Rome to the present. The course will be concerned with the development of major political, social, and economic institutions from feudalism to the modern state, with the history of Latin Christianity in its various forms, and with the major intellectual currents in Western European history. Firsthand materials as well as secondary historical accounts will be the basis for conference discussion. Open to Freshmen and Sophomores only.

21-22. FOUNDATIONS OF THE UNITED STATES, 1492-1865—Mr. Drake.

Lectures, reading, and discussion in American colonial and early national history. Not open to Freshmen.

23-24. MEDIEVAL HISTORY—Mr. MacCaffrey.

A survey of European development from the fall of Rome to about 1500. Occasional lectures, extensive reading, papers and discussion, with a final examination. Admission by permission of instructor. Offered in 1959-60 and alternate years.

25-26. MODERN EUROPEAN HISTORY—Mr. Coddington.

The main currents of European institutional and intellectual developments since about 1750. Class discussion with occasional lectures, frequent papers. Admission by permission of instructor.

27. GREEK HISTORY—Mr. Kennedy.

A survey of Greek history to 323 B.C., with reports on the art, archaeology, and political institutions of Greece. No knowledge of the Greek language is required. Prerequisite: Sophomore standing. Offered in 1959-60 and alternate years.

28. ANCIENT HISTORY OF THE NEAR EAST—Mr. Flight. (See *Biblical Literature* 28.)

29-30. ROMAN HISTORY—Mr. Kennedy.

(Also called *Latin* 29-30.)

A survey of Hellenistic and Roman history, with readings among the Latin authors in translation, and occasional reports. No knowledge of the Latin language is required. Prerequisite: Sophomore standing.

To be offered in 1958-59 and in alternate years.

31-32. NATIONAL DEVELOPMENT OF THE UNITED STATES, 1865 TO THE PRESENT—Mr. Drake.

A study of institutional growth, with the larger social and political issues of the present considered in their historical setting. A lecture, reading, and discussion course, intended primarily for Juniors and Seniors.

33-34. THE POLITICAL AND CONSTITUTIONAL HISTORY OF MEDIEVAL ENGLAND—Mr. MacCaffrey.

A survey of British historical development from the coming of the Anglo-Saxons to the end of the Middle Ages. Although primarily political and constitutional, the course will include consideration of major economic and social trends as well. Extensive reading both in sources and secondary works will form the basis for conference discussion. Open to Juniors and Seniors.

To be offered in 1958-59 and alternate years.

35-36. THE POLITICAL AND CONSTITUTIONAL HISTORY OF MODERN BRITAIN—Mr. MacCaffrey.

A study of British history from the end of the Middle Ages to the present. Economic, social, and intellectual development will be included. The development of the British Empire since 1783 will also be included. Extensive reading with frequent papers and class discussion. Open to Juniors and Seniors.

Offered in 1959-60 and alternate years.

37-38. MODERN HISTORY OF EAST ASIA—Mr. Borton.

A study of the international, political, social, and economic developments in Eastern Asia, from the early part of the 18th century to the present. Special emphasis will be given to a comparison of the processes of modernization of China, Korea, and Japan.

41-42. READING COURSE IN AMERICAN HISTORY, 1492 TO THE PRESENT—Mr. Drake.

Systematic reading and an examination in American History. Not open to students who have had History 21-22 or History 31-32; open to Juniors and Seniors with the permission of the instructor.

43-44. HISTORIOGRAPHY—Mr. MacCaffrey.

A study of major historians from classical times to the present, followed by a survey of historical theorists and schools of the last century. Reading, discussion, and papers. Open to Juniors and Seniors with permission of the instructor. Prerequisite: *History* 11-12.

Offered in 1958-59 and alternate years.

45-46. EUROPEAN HISTORY SINCE 1870—Mr. Coddington.

A study of modern European development since the Franco-Prussian War, including the diplomatic, economic, and political backgrounds of the two world wars, European expansion overseas, and accompanying cultural movements. Open to Juniors and Seniors.

81,82. PROJECT COURSES IN HISTORY—Mr. MacCaffrey, Mr. Drake and Mr. Coddington.

History of Art

UNDER the co-operative arrangement between the Colleges, Haverford students who wish to take advanced courses in History of Art may do so at Bryn Mawr College. The introductory course is given at Haverford.

21-22. INTRODUCTION TO THE HISTORY OF ART—Mr. Fowle.

This course deals with the history of Western art from its beginning in ancient Greece to modern times, with emphasis upon the Christian periods. It is conceived as a history of human values in terms of the visual forms in which they have been cast. The course parallels *Humanities* 21-22. In order to bring out the human significance of art, religious and philosophical ideas are discussed as they influenced the form and subject matter of art.

An introductory section deals with aesthetic principles and their application in the fields of painting, sculpture, and architecture. The purpose of the course is threefold: to widen the student's comprehension of past attitudes and beliefs so that he will be better able to understand his own; to enlarge his range of aesthetic appreciation; and to give him the technical knowledge required for further studies in the history of art. Not open to Freshmen.

Latin

THE LATIN DEPARTMENT offers instruction in the language, literature and civilization of the Roman people. Knowledge of the Latin language is fundamental to an understanding and proper use of the English and Romance languages; familiarity with the Latin classics is an indispensable background for the Western European literary tradition; and the history and civilization of Rome provide an explanation of, and parallels to, many pressing contemporary political, economic, social, and religious problems.

Principal emphasis is laid upon meeting the Roman legacy through the medium of the Latin language; but for those whose knowledge of Latin is too limited for this purpose, Latin 29-30 offers an opportunity to do so from the historical approach.

Major Requirements

Four full-year courses (except Latin 11-12), some of which may be taken at Bryn Mawr College; Latin 100. The Latin Department reserves the right to exclude Latin 13-14, in individual cases, from consideration as fulfilling a part of the Major requirements.

Four additional semesters in other departments, to be arranged in conference between the student and the Major Supervisor.

A written comprehensive examination. Candidates for Honors must pass an oral examination also.

11-12. ELEMENTARY LATIN—Mr. H. Comfort.

One month of basic instruction in Latin declension and conjugation; then Cicero's First Oration against Catiline, nearly all the poems of Catullus, and selected Letters of Pliny.

13-14. LATIN LITERATURE—Mr. H. Comfort.

For students offering two or three years of preparatory Latin. Review of grammar and vocabulary; reading in Vergil and other authors.

15, 16. LATIN LITERATURE—Mr. H. Comfort.

For students offering *Latin 13-14* or four years of preparatory Latin. Reading of Roman comedy, and of authors of the Republic and the Augustan Age.

23, 24. INDIVIDUAL TOPICS IN LATIN LITERATURE—Mr. H. Comfort.

Systematic study of one or more aspects of Latin literature and Roman life. Prerequisites at the discretion of the Latin Department. May be repeated for credit with change of content.

Offered annually, either semester.

29-30. ROMAN HISTORY—Mr. Kennedy.

(Also called *History 29-30*.)

A survey of Hellenistic and Roman history, with readings among the Latin authors in translation, and occasional reports. No knowledge of the Latin language is required. Prerequisite: Sophomore standing.

To be offered in 1958-59 and in alternate years.

Mathematics

THE AIMS of courses in Mathematics are: (1) to promote rigorous thinking by exhibiting a systematic, deductive, intellectual discipline; (2) to explain the role which Mathematics has played in the development of the culture of our age; (3) to foster technical competence in Mathematics as an aid to the better comprehension of the physical, biological, and social sciences.

Freshman Mathematics emphasizes mathematical ideas rather than techniques of computation. It is designed as a terminal course for the non-specialist who plans to take only one year of Mathematics as well as the beginning course prerequisite to further work in the Department.

The more advanced courses cover work in the fields of analysis, algebra, geometry, and statistics. The student majoring in the Department extends his studies into all of these areas; he may prepare for teaching in preparatory school, for graduate study leading to college teaching or industrial research, or for statistical and actuarial work.

The sequence in analysis and algebra, Mathematics 21, 22, 31, 32, 33, 34, 63, is especially suited to the needs of the physical sciences, while Mathematics 14 and 38 deal with those concepts of statistics and probability which are fundamental to the biological and social sciences.

Major Requirements

Mathematics 11, 16, 21, 22, 31, 32, 33, 34, 35, 40, 63, 82 and 100.

Recommended collateral courses are Physics 13, 14, 28, 41, 42; Astronomy 45, 46, or for prospective Actuaries, Economics 11, 12, 23.

Prescribed parallel reading on the history and general principles of mathematics.

Three written comprehensive examinations, each three hours in length. An oral examination will be required for Final Honors.

It is recommended that facility in reading French and German be acquired as early in the college course as possible.

11, 12. FRESHMAN MATHEMATICS—Mr. Harrison, Mr. Oakley and Mr. Wisner.

An introductory course designed to present the fundamental concepts of modern Mathematics and to give numerous applications of these concepts to practical problems in the natural and social sciences. Topics included are: logic and the nature of mathematical proof, the number system, trigonometry, functions and graphs, plane analytic geometry, and elementary calculus. Students will be placed in sections according to their mathematical background and interests.

14. INTRODUCTION TO STATISTICS—Mr. Oakley and Mr. Wisner.

Tabular and graphic methods, frequency distributions, measures of central tendency, dispersion and correlation, tests of significance, index numbers and times series. Lectures and computing laboratory. Prerequisite: *Mathematics 11*.

16. FRESHMAN MATHEMATICS—Mr. Harrison, Mr. Oakley and Mr. Wisner.

An introductory course which presents a more extensive treatment of elementary calculus than that given in Mathematics 12. Prerequisite: *Mathematics 11* and consent of the instructor.

21, 22. CALCULUS—Mr. Oakley.

Differential and integral calculus, with applications. Prerequisite: *Mathematics 16* or consent of the instructor.

31. DIFFERENTIAL EQUATIONS—Mr. Oakley.

Methods of solution of the standard types of ordinary differential equations with applications to problems in physical science. Prerequisite: *Mathematics 21, 22*.

32. **ADVANCED CALCULUS**—Mr. Oakley.
Advanced topics in calculus, including infinite series, special functions, partial derivatives, Jacobians, line integrals, and Stokes' Theorem. Prerequisite: *Mathematics 21, 22*.
33. **MODERN ALGEBRA**—Mr. Wisner.
Introduction to modern abstract algebra, including groups, rings, fields, and vector spaces. Prerequisite: *Mathematics 21, 22*.
Offered in 1958-59 and alternate years.
34. **MODERN ALGEBRA**—Mr. Wisner.
Modern abstract algebra, including linear transformation and matrix theory. Prerequisite: *Mathematics 21, 22, 33*.
Offered in 1958-59 and alternate years.
35. **GEOMETRY**—Mr. Wisner.
Elementary topology, n-dimensional vector spaces and linear transformations, non-Euclidean geometry. Prerequisite: *Mathematics 21, 22*.
Offered in 1959-60 and alternate years.
38. **MATHEMATICAL STATISTICS**—Mr. Oakley.
Theoretical presentation of the mathematical background of elementary statistics and probability. Prerequisite: *Mathematics 21, 22, 14*.
Offered in 1958-59 and alternate years.
40. **GEOMETRY**—Mr. Wisner.
Affine, projective and Euclidean geometries and their postulational development. Prerequisite: *Mathematics 21, 22, 35*.
Offered in 1959-60 and alternate years.
41. **CLASSICAL FIELD PROBLEMS OF MATHEMATICAL PHYSICS**—Mr. Green.
(Also called *Physics 41*.)
Vector and tensor methods are employed to show the underlying mathematical similarities of field problems in gravitation, hydrodynamics, transport phenomena, and hydromagnetics. Prerequisite: *Physics 13-14*.
Mathematics 31 must be taken previously or concurrently.
Offered in 1959-60 and alternate years.
42. **BOUNDARY VALUE PROBLEMS OF MATHEMATICAL PHYSICS**—Mr. Green.
(Also called *Physics 42*.)
Expansions in orthogonal functions, perturbation theory, calculus of variations, and integral transforms are employed to solve boundary value problems in heat conduction, acoustics, optics, and electromagnetic theory. Prerequisite: *Mathematics 31; Physics 13-14*.
Offered in 1959-60 and alternate years.
63. **INTRODUCTION TO ANALYSIS**—Mr. Harrison.
Rigorous treatment of fundamental ideas in analysis; real and complex numbers, functions, limits, continuity, differentiation, and integration. Applications to Fourier Series and differential equations. Prerequisite: *Mathematics 31, 32*.

81 or 82. SPECIAL TOPICS—Philips visitors and members of the Department.

Project courses involving wide reading in the literature, and presentation of papers for group discussion. The content varies from year to year to suit the needs of advanced students. The course may be repeated for credit with change of content.

Music

THE COURSES offered in Music have as their objective (1) the stimulation of the creative energies of the student through musical composition, and (2) the development of an understanding of music through the study of history and important writings on musical subjects, as well as through the analysis of musical compositions from all periods. In furthering and strengthening the discipline of music the College has no intention of training musicians by conservatory methods. The intention is rather to form enlightened workers in the field of music. Experience has shown that students in the fields of composition and musicology can be effectively aided by the joint offerings of Haverford, Bryn Mawr, and the University of Pennsylvania. At Haverford the program seeks to stimulate free composition in the vocal and instrumental forms with a view to public performance by professionals of successfully completed works.

The College does not grant academic credit for training in voice, or the playing of instruments.

Major Requirements

Three full year courses in music and six semester courses or their equivalent from such related fields of the Humanities, History of Art, Languages and Science as may be approved by the Department.

The Major comprehensive examination will consist of:

1. An examination in the history of music.
2. The presentation by the candidate of a musical composition in one of the larger instrumental forms, or a vocal work. In cases where the candidate has not been sufficiently trained in musical composition, the examination may be confined to music history. In such cases the candidate's work is expected to be at a high musicological level.
3. A small composition to be completed during the examination period.

11. INTRODUCTION TO MUSIC HISTORY—Mr. Ludington.

A study of the principal forms of musical literature of the 17th, 18th, and 19th centuries. No previous knowledge of music is required.

12. INTRODUCTION TO MUSIC HISTORY—Mr. Ludington.

A historical survey of the development of musical thought from the Plainsong era to contemporary idioms. This course complements Music 11, but may be taken without it.

21-22. ELEMENTARY MUSIC THEORY AND COMPOSITION—Mr. Swan.

This course deals with the general foundations of the musical language—scales, intervals, formation of melodic patterns and their notation. Students will be expected to work on their own melodies applying the vertical or horizontal method (three part harmony or counterpoint). Simple exercises will lead to the construction of short works scored for voices or instruments which, if successful, will be given a public performance.

Eligible for this course are either those who have already taken Music 11-12, or those who, though they have had no formal instruction in music theory, have some practical experience of the rudiments of music, such as note-values, clefs, time-signatures, etc. Since the instruction is largely individual, students will proceed at their own level.

31. SEMINAR IN MODERN MUSIC—Mr. Ludington.

A study of Richard Wagner as man and artist: his music dramas in relation to the aesthetic theories of German dramatists and philosophers of the 19th century. No previous study of music is required.

32. SEMINAR IN MODERN MUSIC—Mr. Ludington.

A study of the principal musical movements of the 20th century: Impressionism, Nationalism, Neo-Classicism, and Atonality, with emphasis on the work of Stravinsky, Bartok, and Schönberg.

Prerequisite: *Music 11 or 12.*

82. PROJECT IN MUSICAL COMPOSITION—Mr. Swan.

Philosophy

THE COURSES in Philosophy are intended first of all to acquaint students with the major currents of interpretation and reflection upon the recurring problems, such as the nature of man, the nature of the universe, the nature of the processes by which man apprehends and responds to that universe. Since these problems underlie the work of literature and furnish it with many of its most basic themes; since they underlie the presuppositions of political, sociological, and economic thought; since they reappear in the frame in which every thoughtful scientist works and affect not only the use to which his results will be put, but his very method, just as his methods have influenced in turn the formulation of the problems, the study of philosophy is an important tool in connection with work in any of these fields.

In the second place the courses in philosophy are designed to assist in integrating material presented in literature, history, the social and natural sciences, in art, and in religion in order to assist the student in drawing together what he has learned, and in approaching a more responsible, intentional, and intelligent world view with which to confront life.

The courses are so planned as to require such orientation as would be secured in either Philosophy 11 (which examines in an elementary way the great problems man confronts) or Philosophy 21-22 (which deals with these same problems as it presents the great classical philosophical thinkers chronologically) before proceeding to the more specialized philosophical disciplines such as ethics, aesthetics, logic, political philosophy, philosophy of science, philosophy of religion, and to more specialized studies of certain philosophical thinkers.

Major Requirements

Philosophy 12, 21-22, 63-64 and two other half year courses in Philosophy. Philosophy 100.

Four half-year courses in related fields to be arranged in conference with the Major Supervisor.

A comprehensive examination in two parts; three hours on the history of philosophy and three hours on one optional field selected from topics in philosophy since 1800, or religious thought.

11. INTRODUCTION TO PHILOSOPHY—Mr. Steere, Mr. Parker, and Mr. Desjardins.

An understanding of the nature and function of philosophy and its relations to other fundamental human interests such as science, religion, and art is sought through a consideration of representative philosophical problems.

12. ETHICS—Mr. Parker and Mr. Desjardins.

A study of (1) conflicts of ethical values involved in contemporary life; (2) certain classical ethical devices for resolving those conflicts; (3) the role of the individual and of the group in the realization of ethical values. Case material drawn from contemporary situations and from literature will be widely used. Discussions, lectures, and papers. Prerequisite: One semester-course in Philosophy.

14. LOGIC—Mr. Parker.

The principles of valid inference and their application to reasoning in everyday life, and in the sciences; the syllogism and other types of formal reasoning, the nature of proof, the detection of fallacies; introduction to the logic of scientific method and to contemporary developments in symbolic logic.

21-22. HISTORY OF PHILOSOPHY—Mr. Parker and Mr. Desjardins.

A study of the development of philosophy with special reference to Plato, Aristotle, Descartes, Locke, Berkeley, Hume, Spinoza, Leibnitz, Kant, and Hegel. First-hand acquaintance with selected writings of these philosophers; reports, lectures, and class discussions. Not open to Freshmen.

23. CLASSICS OF RELIGIOUS LITERATURE—Mr. Steere.

A study which will include such books as Augustine, *Confessions*; Benedict's *Rule*; Meister Eckhart, *Sermons*; *Little Flowers* of St. Francis of Assisi; Thomas à Kempis, *Imitation of Christ*; Francis de Sales, *Introduction to the Devout Life*; Pascal, *Thoughts*; John Woolman, *Journal*; Soren Kierkegaard, *Purity of Heart*; Von Hügel,

Letters; Bernanos, *Diary of a Country Priest*; Kelly, *Testament of Devotion*; Paton, *Cry, the Beloved Country*.

Offered in 1958-59.

24. HISTORY AND PHILOSOPHY OF QUAKERISM—Mr. H. J. Cadbury.
The Quaker Movement is studied in relation to other intellectual and religious movements of its time, and in relation to problems of social reform. The development of the dominant Quaker conception is traced to the present day and critically examined. The course is designed for non-Friends as well as for Friends. Not open to Freshmen.
26. AESTHETICS—Mr. Desjardins.
A study of the philosophical principles underlying the creative and appreciative aspects of art. Prerequisite: One semester-course in Philosophy.
Not offered in 1958-59; to be offered in 1959-60.
28. PHILOSOPHY OF RELIGION—Mr. Steere.
A study of the basic problems which the practice and claims of religion present to a reflective mind. Not open to Freshmen. Prerequisite: *Philosophy 11* or *21-22*.
29. SOME ASPECTS OF RELIGIOUS LIFE AND LITERATURE SINCE THE REFORMATION—Mr. Steere.
Thomas More and the Erasmus Tradition in England; Ignatius of Loyola and the Society of Jesus; Theresa of Avila and Spanish Mysticism; Isaac Penington and the mysticism of the Quakers; John Wesley and the Evangelical Revival; John Henry Newman and the Oxford Movement; William Temple and the ecumenical movement; Albert Schweitzer and the mission outreach; Rufus M. Jones and the religious situation of our time. Lectures, reports, class discussions.
Not offered in 1958-59.
32. NINETEENTH CENTURY THINKERS—Mr. Steere.
Selected writings of Schopenhauer, Nietzsche, Tolstoy, and Bergson. Prerequisite: *Philosophy 11* or *21-22*.
34. RECENT AND CONTEMPORARY PHILOSOPHY—Mr. Parker.
A study of some of the outstanding recent and contemporary philosophical movements in Europe and America. Prerequisite: *Philosophy 21-22*.
Not offered in 1958-59.
36. HISTORY AND PHILOSOPHY OF SCIENCE—Mr. Green.
(See PHYSICAL SCIENCE 36 under General Courses)
37. PLATO—Mr. Desjardins.
A study of a selected group of the dialogues. Prerequisite: *Philosophy 21* or consent of the instructor.
Offered in 1958-59.
38. ARISTOTLE—Mr. Desjardins.
A study of a selection of the primary works of Aristotle. Prerequisite: *Philosophy 21* or consent of the instructor.
Offered in 1958-59.

63-64. PHILOSOPHICAL SEMINAR—Mr. Steere and Mr. Parker.

Specialized work in some restricted field of philosophic or religious thought is undertaken, the precise subject depending upon the needs of the students and the general interests of the group. Primarily designed for Seniors majoring in Philosophy and for Graduate students. Prerequisite: *Philosophy 21-22*; Majors unless by special arrangement. Limited to ten students.

81, 82. PROJECT COURSES—Individual consultation; supervised independent reading and research. Mr. Steere, Mr. Parker, and Mr. Desjardins.

Physical Education

COURSES in Physical Education are arranged in accordance with the plan for all-year physical training in the Freshman, Sophomore, and Junior years. The aim of this plan is to make possible active participation in athletics for the majority of students at Haverford College, with emphasis on the sports with carry-over value. Each student is required to take, during his first three years, nine terms (fall, winter, spring) of Physical Education or of certain courses in the Arts and Service Program (see pp. 97-99), with a minimum of six terms in Physical Education; three in the Freshman year, two in the Sophomore year, and one in the Junior year.

A thorough medical and physical examination is given to each student upon entrance. Only those students whose physical condition is satisfactory will be permitted to take part in athletics. A tuberculin test is given to all Freshmen, followed by an X-ray if necessary, as part of this required examination. A swimming test is given to all entering students following the physical examination. This test must be passed by all students before graduation. Swimming instruction is given in the gymnasium pool during the early fall and late spring.

The outdoor facilities include: Walton Field for football and track, with a 440-yard oval and a 220-yard eight lane straight-away cinder track; the Class of 1888 and Merion fields for soccer, both of which are used for baseball and softball in the spring; a skating pond; Cope Field for cricket; an athletic field presented by the Class of 1916; a baseball field presented by the Class of 1922, used also for soccer in the fall; and thirteen tennis courts, three of which are all-weather. There are two dinghies available during the spring and fall for those (with certain exceptions) who wish to sail.

Indoor facilities include the Gymnasium and the new Field House. The basement of the gymnasium contains dressing rooms, showers, lockers, a swimming pool, wrestling room and training room. Through the generosity

of the Class of 1928 it has been possible to provide additional locker and dressing facilities, a new stock room, and a laundry and drying room. A regulation basketball court is on the main floor, with hand ball and badminton courts. On the upper floors are dressing facilities for officials and instructors, and department offices.

The new Field House, donated by Alumni and friends of the College, became available in 1957 and provides ideal facilities for the further development of the Athletic program. This "indoor playing field" includes a 7-lap track, with areas for field events, a dirt area 120' by 120' for outdoor events under cover, a batting cage for baseball and cricket, nets for golf, a wooden area 120' by 120' with two basketball courts, two tennis courts, and seating capacity for 1000 spectators.

Physics

COURSES in Physics are intended to acquaint students with fields of knowledge important to our civilization, to train them in analytical thinking, to give them an appreciation of scientific methods, and to help them gain first-hand experience and insight into the methods of experimental investigation. For the student with professional aims in science, the Department offers courses leading to a strong major in Physics which equips a man to enter graduate school.

Students of astronomy, experimental biology, chemistry, engineering, mathematics, medicine and other sciences will find the foundation offered by Physics 13, 14 and Physics 21 of great value. Physics 13, 14 is ordinarily taken in the Sophomore year after Freshman mathematics but Freshmen with adequate preparation in High School mathematics may be admitted after consultation with the instructor. Students who plan to major in Physics are advised to take Physics 13, 14 in their Freshman year.

Sound knowledge of mathematics is essential. Ability to understand and use the calculus is assumed in most of the advanced courses. The Department desires to cultivate in its Major students independence of thought and initiative at progressive levels of maturity; to that end, a sequence of courses following Physics 13, 14 has been arranged, culminating in Physics 81, 82. The latter offers opportunity to conduct an extended individual investigation with training in the mastery of theory and experiment, and with emphasis upon independent work and the ability to express oneself clearly both orally and in writing on the subject of investigation. Physics 81, 82 is not, however, limited to students majoring in Physics; it may be elected by others after consultation.

Major Requirements

Physics 13, 14, 21, 28, 33-34, 81, 82, 100 and two other semester courses in Physics.

Mathematics through differential equations.

A written comprehensive examination in two parts: (a) on physics treated comprehensively; (b) on an extended, open-book problem designed to test each individual's ability to correlate his knowledge. The granting of Honors in Physics is based upon excellence (an average of 85 or better) in course work, particularly in Physics 81, 82, and evidence of accomplishment beyond the usual course requirements.

Students who desire to combine a Major in Physics with advanced work in some other related department may do so by special arrangement between the two departments concerned. In such cases a program is mapped out with some modification of the requirements normally expected of a Major in a single department.

- 13, 14. GENERAL PHYSICS—*Four hours, including one laboratory period a week.* Mr. Lemonick.

This is the basic course for work in physics, engineering, chemistry or other sciences. Mechanics, sound, heat, electricity, and light are studied with the help of problems, laboratory experiments, lecture demonstrations, and discussion. This course is commonly taken in the Sophomore year, but qualified Freshmen are admitted after consultation. Algebra and trigonometry are essential. Prerequisite: *Mathematics 11, 12 or 16*, or consent of the instructor.

21. ATOMIC AND NUCLEAR PHYSICS—*Four hours, including one laboratory period a week.* Mrs. Selove.

A course of lectures, experiments, discussion and reading emphasizing developments in modern physics: the fundamental constants of physics, topics in relativity, low temperature and solid state physics, an introduction to quantum mechanics, optical and X-ray spectroscopy and other atomic phenomena. In addition nuclear phenomena will be discussed; nuclear reactions, accelerators and detectors of nuclear particles, nuclear models and nuclear energy. Prerequisite: *Physics 13, 14* and *Mathematics 16*, or consent of the instructor.

25. PHYSICAL OPTICS AND ATOMIC SPECTRA—*Four hours, including one laboratory period a week.* Mr. Lemonick.

A study of the principles of physical optics illustrated by such phenomenon as interference, diffraction and polarization, and including an introduction to Maxwell's Equations. Also a treatment of spectroscopy, the study which furnishes information as to structure of atoms. Prerequisite: *Physics 13, 14*. Offered in 1959-60 and alternate years.

28. MECHANICS—Mrs. Selove.

Analytical mechanics, treating the statics, kinematics, and dynamics of particles and rigid bodies. Discussion and problems on the application of calculus, differential equations and vector methods to mechanical systems, including an introduction to Lagrange's equations. Prerequisite: *Physics 13, 14; Mathematics 21, 22* must be taken previously or concurrently.

- 33-34. ELECTRICITY AND MAGNETISM—*Four hours, including one laboratory period a week.* Mr. Benham.

A course of lectures, readings, and laboratory experiments designed to familiarize the student with precision electrical measurements. Solutions of electrostatic problems, Gauss's theorem, potential, capacitance, magnetic circuits, transient and alternating current, and the laws of the electromagnetic field, are among the topics treated. Prerequisite: *Physics 13, 14* and *Mathematics 21, 22; Mathematics 31* must be taken previously or concurrently.

41. CLASSICAL FIELD PROBLEMS OF MATHEMATICAL PHYSICS—Mr. Green.
(Also called *Mathematics 41*).

Vector and tensor methods are employed to show the underlying mathematical similarities of field problems in gravitation, hydrodynamics, transport phenomena, and hydromagnetics. Prerequisite: *Physics 13, 14; Mathematics 31* must be taken previously or concurrently.

Offered in 1959-60 and alternate years.

42. BOUNDARY VALUE PROBLEMS OF MATHEMATICAL PHYSICS—Mr. Green.
(Also called *Mathematics 42*).

Expansions in orthogonal functions, perturbation theory, calculus of variations, and integral transforms are employed to solve boundary value problems in heat conduction, acoustics, optics, and electromagnetic theory. Prerequisite: *Mathematics 31; Physics 13, 14*.

Offered in 1959-60 and alternate years.

43. ELECTRONICS—CIRCUIT THEORY—*Four hours, including one laboratory period.* Mr. Benham.

This course includes the study of resonant circuits, coupled circuits, filter networks and impedance matching. Laboratory experiments are designed to give the student experience in the relation of theory to practice. Prerequisite: *Physics 33-34*, or *Engineering 33-34*, or consent of instructor at spring registration.

44. ELECTRONICS—VACUUM TUBE CIRCUITS—*Four hours, including one laboratory period.* Mr. Benham.

Electron theory, study and application of vacuum tubes, and problems pertaining to design and analysis of typical circuits employing them. Prerequisite: *Physics 33-34* or *Engineering 33-34*, or consent of instructor.

45. ASTROPHYSICS—Mr. Green.
(See *Astronomy 45*).

46. ASTROPHYSICS—Mr. Green.
(See *Astronomy 46*).

47. ADVANCED NUCLEAR AND HIGH ENERGY PHYSICS—Mrs. Selove.

The physics of photons, nucleons, nuclei and elementary particles; their behavior and interactions. Students will carry out modern physics laboratory projects under supervision. Prerequisite: *Physics 21, 28, 33-34*.

81, 82. PHYSICS SEMINAR—Mr. Lemonick, Mr. Benham, and Mrs. Selove.

Individual work in selected fields of investigation. Each student pursues comprehensive reading and sustained experimental work on a problem. Weekly meetings are held with the members of the Department to discuss the progress in each field of investigation. Each student becomes familiar with problems other than his own and gains experience in presenting his own work. Students who major in Physics are expected to take two semesters, but the course is not restricted to Major students. Qualified Juniors or Seniors may, by permission, elect either one semester or two. Also, the course may be repeated for credit with change of content. The granting of Honors depends heavily upon performance in this course.

Political Science

THE POLITICAL SCIENCE CURRICULUM is designed to give students an understanding of political organization and political forces in modern society, to provide knowledge and a basis for insight and judgment on the problems involved in the relationship of the individual to government and of governments to one another. The broad areas of study include: analysis of political theory in relation to its institutional environment; comparison and appraisal of different types of governments and political organization; American political institutions; and problems of international relations.

The tools of analysis include theory and experience. The purposes and the actual workings of political institutions are appraised. In advanced courses, emphasis is placed upon individual research and analysis—practice in location, organization, and presentation of data, and independent judgment.

The courses are designed primarily for a liberal arts education and are intended to create intelligent and lasting interest and participation in the formulation of public policy. The training will also serve the practical needs of those men contemplating professional careers which involve an understanding of modern government, such as law, journalism, and the public service.

Men majoring in political science are expected to understand the relationship of this field to other social studies and also the purposes and methods of the social sciences as a whole. They are thus expected to take supporting courses in economics, history, and sociology.

Major Requirements

Political Science 11, 12, and eight other courses in Political Science distributed among the areas of study indicated above.

Four approved semester courses in other social sciences.

Mathematics 14 and Sociology 51 are recommended for all majors.

A comprehensive examination covering the major fields of study. The comprehensive examination includes seminar participation.

Candidates for Honors are required to submit a thesis of independent research work. Such thesis may obtain credit through Political Science 81 or 82.

11. WESTERN POLITICAL THOUGHT AND AMERICAN GOVERNMENT—
Messrs. Freund, Rogow, and Somers.

The historical development of western political thought and traditions will be examined in relation to the theory, structure, and operations of the American political system.

12. FOREIGN GOVERNMENTS—Messrs. Freund, Rogow, and Somers.

A comparison and analysis of modern governmental institutions and practices with reference to their theoretical foundations. Central problems of government will be examined in relation to comparative structures, administration, and operative ideals. Prerequisite: *Political Science 11*.

23. AMERICAN CONSTITUTIONAL DEVELOPMENT—Mr. Rogow.

A study of the development of the American constitution through judicial interpretation, related to the changing political, social and economic problems of the United States. Definitive Supreme Court cases shaping the course of American development will serve as the primary basis of study. Prerequisite: *Political Science 11 and 12*.

Offered in 1958-59 and alternate years.

24. AMERICAN FOREIGN POLICY—Mr. Freund.

A critical analysis of the forces which shape United States foreign policy including its objectives, methods, and consequences. Major emphasis will be placed on the preparation of project papers concerning specific issues in United States foreign policy. Prerequisite: *Political Science 12*.

Offered in 1958-59 and alternate years.

31. PARTIES, PRESSURES, AND PUBLIC OPINION—Mr. Somers.

A study of political parties, their organization and techniques, as an instrument of democratic government; the relationship of private associations and interest groups to the party system; the role of such associations in a democracy; and the struggle for power with relation to public opinion and theories of the public interest. Prerequisite: *Political Science 11 and 12*.

34. SOCIAL INSURANCE AND PUBLIC WELFARE—Mr. Somers.

(Also called *Economics 34* and *Sociology 34*.)

A study of the economic and political problems encountered in attempts to cope with the hazards of modern industrial society, including unemployment, disability, and old age, through systems of social security. Methods of prevention and alleviation, with particular reference to social insurance and related governmental programs and the nature of public interest in individual disaster are examined. Prerequisite: Either *Political Science 12*, *Economics 11* or *Sociology 11*.

Offered in 1958-59 and alternate years.

38. GOVERNMENT ADMINISTRATION AND PUBLIC POLICY—Mr. Somers.
A study of administration as a central element of contemporary society with special reference to the problems involved in the decision-making process; administrative theory and process in relation to the formulation and execution of public policy. The approach is analytical rather than descriptive and based, in large measure, on case studies. Prerequisite: *Political Science 31*.
To be offered in 1959-60 and alternate years.
39. GOVERNMENT AND BUSINESS—Mr. Hunter.
(See *Economics 39*.)
41. THE SOVIET SYSTEM—Mr. Hunter.
(See *Economics 41*.)
43. POLITICAL BEHAVIOR—Mr. Rogow.
A study of the role of personality, culture, mass media of communication, leadership, voting behavior, and organizational influences upon political life. Prerequisite: *Political Science 12*.
- 53, 54. INTERNATIONAL RELATIONS: ECONOMIC AND POLITICAL—Mr. Freund.
(Also called *Economics 53, 54*.)
An examination of the major factors which condition international relations, with special emphasis on political and economic aspects. Political Science 53 and 54 are designed as a year course; together they present the basic elements for an understanding of current international problems. The first semester's work focuses on certain basic elements: Physical and human resources, fundamental economic and political concepts (e.g., trade, investment, nationalism, and imperialism) and some analysis of the interaction of these factors prior to World War II. Against this background, the second semester is devoted to an analysis of major international developments since World War II. This study deals with selected functional problems—e.g., economic development, commercial policy, and the settlement of disputes—and area problems, especially those affecting Europe and Asia. This is followed by individual or group projects. Prerequisite: *Economics 12* and *Political Science 12*.
55. COMPARATIVE GOVERNMENT
An advanced, functional analysis of the political, social and economic institutions of contemporary European democracy. Emphasis is placed on the changing role of government in society, on the political and economic forms that have been developed to meet new needs, and on the impact of these new developments on traditional democratic theory. Prerequisite: *Political Science 11, 22*.
Offered in 1959-60 and alternate years.
56. INTERNATIONAL LAW AND ORGANIZATION—Mr. Freund.
A critical analysis of the evolution of major instrumentalities for the achievement of world order and law. Particular attention will be given to the League of Nations, the United Nations, the specialized agencies, and various proposals

for regional and world government. Prerequisite: *Political Science 12*.
Not offered in 1958-59.

57. AMERICAN POLITICAL THOUGHT

An approach to understanding the enduring significance of the American heritage through the study of outstanding political and social writings. Prerequisite: *Political Science 11, 12*.

Not offered in 1958-59.

64. MODERN POLITICAL AND SOCIAL THEORY—Mr. Rogow.

A study of leading political doctrines which have had a major influence in shaping the issues and conflicts of the modern world. Prerequisite: 1 year of *Political Science or Economics*.

81, 82. INDEPENDENT PROJECT COURSES—*Individual consultation; supervised independent reading and research*. Members of the Department.

Research papers and oral reports on special topics based upon the individual interests of advanced students. Open only to senior Social Science majors by permission of the instructor. Theses of candidates for Honors may be written for credit in this course. Limited enrollment. May be taken as semester or year course by arrangement with instructor.

Psychology

COURSES in Psychology are intended to acquaint the student with an understanding of principles of human behavior as derived from psychological theory and investigation. The subject deals primarily with the relationship of the individual and his environment. The curriculum contributes to the intellectual development and liberal education of the student by providing a systematic attempt to interpret the facts of experience and behavior and to examine the possible contributions of the science of psychology to other areas of specialization.

Major Requirements

A major program in psychology requires twelve semester courses as follows: Psychology 12, 23 or 24, 25, 27, 33 or 38, 100 and two additional courses in the Department other than Psychology 81, 82; Mathematics 14, Sociology 11, 23 and one course from the following group: Philosophy 12, 27, Physical Science 36, Economics 36, Biology 12, 13, 25 and selected courses from the Sociology Department. It is recommended that a student interested in majoring in psychology complete the mathematics requirement by the end of his freshman year. Mathematics 14 is a prerequisite for a number of the advanced psychology courses.

Honors candidates should plan to take at least one semester of Psychology 81 or 82 prior to the spring semester of their senior year.

The comprehensive examination will presuppose mastery of the core areas of systematic psychology. Such areas include methodology and statistics, learning, cognitive processes, motivation, social psychology, personality theory and the major historical developments in psychology. A minimal bibliography of basic readings in these areas is available upon request.

12. GENERAL PSYCHOLOGY—Mr. Heath.

(Also called *Sociology 12.*)

The course will focus on the basic concepts and methods of the fields of learning, cognitive processes, personality and social psychology. Emphasis will be placed on independent reading, intensive papers, and project work throughout the course. It is highly recommended, but not required, that *Math. 14* be taken concurrently with this course.

23. PRINCIPLES OF LEARNING—*Three class hours and laboratory*—Mr. Mayer.

This course will consist of a systematic analysis of the learning process and its relation to remembering, motivation, and language behavior. While emphasis will be placed on contemporary theoretical issues and experimental work in the area of learning, the historical context out of which these issues have developed will also be discussed. Prerequisite: *Psychology 12*, *Mathematics 14*, or consent of instructor.

24. COGNITIVE PROCESSES—*Three class hours and laboratory*—Mr. Mayer.

An experimental introduction to the problems of perception and sensation, thinking, concept formation and other cognitive processes. Prerequisites: *Psychology 12* and *Mathematics 14* or consent of instructor.

25. PRINCIPLES OF MOTIVATION—*Three class hours and laboratory*—Mr. Heath.

Following an analysis of the major components of the motive sequence, the course will intensively review the experimental literature on sexual behavior, anxiety, aggression, and the achievement need. The basic experimental methods for measuring need states will be illustrated in the laboratory. Independent experimental research will be stressed. Mastery of elementary statistics will be assumed. Prerequisites: *Psychology 12* and *Mathematics 14*.

26. HUMAN RELATIONS—Mr. Heath.

(Also called *Sociology 26.*)

Problems of interpersonal, intra-group, and inter-group relationships will be examined within the framework of principles of social psychology. Prerequisite: *Psychology 12* and *27*.

27. SOCIAL PSYCHOLOGY—Mr. Heath.

(Also called *Sociology 27*)

Following an introduction to the basic methods used for collecting social psychological data, the course will concentrate on the formative effects of social organization on personality, group dynamics, problems of communication, and the effects of mass media on attitude change. Students will be expected to organize their

knowledge about selected subtopics within each of these fields in a few scholarly papers. Prerequisite: *Psychology 12*. *Mathematics 14* is strongly recommended.

33. THEORIES OF PERSONALITY—Mr. Heath.

The course is organized in two parts: 1) Methods of personality assessment, including interview and projective tests, will be illustrated within the context of a single case study of a normal college student. Critical evaluation of the predictive adequacy of personality tests will be emphasized. 2) The personality theories of Freud, a neo-analyst, and Rogers will be studied by extensive readings from original sources. Class discussion and papers will concentrate on clarifying and evaluating the merits of the different theories. Prerequisite: *Psychology 12*. *Psychology 25* is recommended.

34. DEVELOPMENTAL PSYCHOLOGY—Mr. Heath.

The seminar will be organized around the major developmental problems of childhood and adolescence and the cognitive control modes used to master these problems. Consideration will also be given to the psychological aspects of marriage, religion, and old age. Prerequisite: *Psychology 33* and consent of instructor.

35. NEUROPHYSIOLOGICAL BASES OF BEHAVIOR—*Three class hours and laboratory.* Mr. Mayer.

This course will cover the neurophysiological mechanisms underlying behavior. Following an introduction to the nervous system, the course will systematically deal with motor coordination, perception, motivation, emotion learning, intelligence and personality disorders. Prerequisite: *Psychology 12*.

38. SYSTEMS AND THEORIES OF PSYCHOLOGY—Mr. Mayer.

A systematic study of contemporary theories in selected problem areas: perception, learning, motivation and personality. Basic theoretical issues will be examined in historical perspective. Special attention will be given to classical experiments and modern research methods that have contributed to the development of fundamental concepts in psychology. Prerequisite: *Psychology 12*, and 23 or 24 or 25.

81, 82. INDEPENDENT PROJECT COURSE—Mr. Mayer and Mr. Heath.

This course is designed for those students who wish to plan and carry out an experimental research project or empirical investigation in an area of special interest. This course may be repeated for credit with a change in content. Admission to course by consent of the Department.

DEVELOPMENTAL READING—Mr. F. D. Comfort.

This program offers an opportunity for students to improve their reading proficiency. Few students, if any, have realized their real potentiality in this field. Through a series of conferences, methods of developing higher level reading skills are explored. Any student who is willing to concentrate upon it, while reading for his various subjects, will find that he can increase his speed and comprehension. Also, by giving thought to the different purposes of reading, and practicing methods appropriate to each purpose, he may increase his adaptability, making each type of reading more effective. No credit.

Romance Languages

ADMISSION of new students to all French and Spanish courses except French 11-12 and Spanish 11-12 is contingent upon placement examinations administered by the Department prior to the opening of such courses.

Opportunity is given to students who complete French 11-12, Spanish 11-12 or Spanish 13-14 with distinction to advance rapidly into higher courses by passing a special examination in September on a prescribed program of vacation study.

Residence in the French and Spanish Houses and participation in the Cercle français and Club español afford an opportunity for supplementary oral practice.

Students who might profitably spend their Junior year in France or Spain are encouraged by the Department to apply for admission to the institutions sponsoring foreign study groups.

Students majoring in Romance Languages are encouraged to spend a summer in France or in a Spanish speaking country. Foreign summer schools and projects sponsored by the American Friends Service Committee and other organizations offer exceptional opportunities in this regard.

FRENCH

The program of French courses offers students an opportunity:

- 1) to learn to read, understand, speak and write French. In French 11-12 emphasis is placed on the ability to read and pronounce French. In French 13-14 a special effort is made to teach students to understand spoken French. French 21 and 22 are planned for the benefit of students primarily interested in learning to speak and write French;
- 2) to achieve an understanding of the basic attitudes implicit in a foreign culture which has exerted a profound influence in the shaping of western civilization;
- 3) to read with an increasing awareness of philosophical, moral, aesthetic and social implications the most significant French literary works.

Major Requirements

French 23-24, 25-26, 81 or 82, and 100.

Supporting courses to be arranged in individual conference with the Major Supervisor.

Comprehensive Examination.

11-12. INTRODUCTION TO FRENCH LANGUAGE AND THOUGHT—Mr. Wylie and Mr. Shaw.

First semester: Study of those aspects of French grammar without a knowledge of which one cannot read French intelligently. Training in pronunciation. Second semester: Reading of authors who have concerned themselves with important problems. One class hour a week is devoted to translation, another to concentrated analysis of short texts, and the third to discussion of rapid reading.

13-14. THE FRENCH PEOPLE—Mr. Wylie.

The purpose of this course is to aid the student, through analysis of French attitudes and comparison with equivalent American attitudes, to achieve a more objective understanding of the French people and of certain cultural forces which have had a part in shaping his own life. Reading and discussion of French literary works for their cultural implications. An intensive effort is made to help students learn to understand spoken French. Prerequisite: *French 11-12* or the equivalent.

21. SPOKEN FRENCH—Mr. Shaw.

This course is designed to develop the student's ability to speak French correctly and without embarrassment. At first most of the work will be carried on through individual conferences and laboratory periods; as the ability of the student increases and general discussion becomes more profitable, more emphasis will be placed on regular class meetings. Students who plan to take this course are encouraged to make arrangements to live in the French House. Prerequisite: Special permission of the Department. Enrollment limited to twelve students.

22. THE FRENCH LANGUAGE—Mr. Shaw.

The development and structure of the French language are studied as a means to a more general understanding of the nature and function of language. Through extensive drill an attempt is made to teach students to write French correctly. Prerequisite: *French 21* or the equivalent.

23-24. CURRENTS OF FRENCH LITERATURE—Mr. Gutwirth.

A study of the fundamental trends of literature from Humanism to Existentialism. Special emphasis is placed on the relationship of philosophical, social, and literary schools of thought. Although importance is attached to historical development, this course does not constitute a survey of French literature. Prerequisite: *French 13-14* or the equivalent.

25, 26. A SYMPOSIUM OF SIGNIFICANT FRENCH WRITINGS—Mr. Gutwirth.

This course, while independent of French 23-24, is complementary to it. It consists of studying and discussing a limited number of masterpieces chosen from the whole range of French literature. Emphasis is placed on intrinsic value rather than on social and historical relationships. The list of works read is varied from year to year to suit the needs and interests of the students and of the teacher. Because of the change in content, students who have already taken this course may take it again for credit. Prerequisite: *French 23-24, 21-22* or the equivalent.

81, 82. SPECIAL PROJECTS IN FRENCH LITERATURE—Mr. Wylie, Mr. Gutwirth, and Mr. Shaw.

This course offers the student of French literature an opportunity to probe more deeply and more independently into a problem or into an area in which he is particularly interested. The nature of the course will therefore vary to suit the needs of each individual student.

SPANISH

The courses offered in Spanish are designed to give the students a thorough knowledge of the Spanish language and an understanding of Spanish and Spanish-American thought and culture. Elementary Spanish and Intermediate Spanish are primarily language courses, with emphasis on grammar, reading, and conversation. Even in these elementary courses the approach corresponds to the liberal tradition of the College, placing emphasis on the human value of the language, and its importance in international and continental solidarity and understanding. The elementary courses are followed by general courses in civilization and literature, as the basis for the more advanced courses covering special periods, works, and authors in Spanish and Spanish-American literatures.

Major Requirements

Spanish 21-22; 23-24, 81 or 82, and 100.

History of Spain and Spanish America, as a background for literature.

Supporting courses to be arranged in individual conference with the Major Supervisor.

Comprehensive Examination.

11-12. ELEMENTARY SPANISH—Mr. Asensio.

Grammar, with written and oral exercises; reading; thorough drill in conversation.

13-14. INTERMEDIATE SPANISH—Mr. Asensio.

Review of grammar, with written and oral exercises; composition, reading and conversation. Prerequisite: *Spanish 11-12* or the equivalent.

15-16 INTRODUCTION TO HISPANIC CIVILIZATION—Mr. Asensio.

Geographic, cultural, and historical background. Emphasis is laid on basic attitudes underlying the Spanish and Spanish-American culture pattern and contrasting with characteristic American attitudes. Lectures, reading, discussion, written reports. Prerequisite: *Spanish 13-14* or the equivalent.

Offered in 1959-60 as a reading course.

21-22. INTRODUCTION TO SPANISH LITERATURE—Mr. Asensio.

A survey of Spanish literature from the beginnings to modern times; lectures, written and oral reports. Prerequisite: *Spanish 13-14* or the equivalent.

Offered in 1958-59.

23-24. INTRODUCTION TO LATIN-AMERICAN LITERATURE—Mr. Asensio.

A survey of Latin-American literature from the Colonial period to modern times; lectures, written and oral reports. Prerequisite: *Spanish 13-14* or the equivalent.

Not offered in 1958-59.

33. SPANISH LITERATURE OF THE GOLDEN AGE—Mr. Asensio.

Cervantes, Lope de Vega, Tirso de Molina, Calderon; lectures, written and oral reports.

Not offered in 1958-59.

81-82. SPECIAL TOPICS IN SPANISH LITERATURE—Mr. Asensio.

Reading and lectures; written and oral reports. This course may be repeated, with change of content, for full credit.

Russian

THE COURSES in Russian are designed to offer the students the opportunity to learn to read and speak Russian and to achieve an understanding of the thought and culture of pre-revolutionary as well as contemporary Russia. Russian 11-12 and 21-22 are primarily language courses. The elementary course teaches the basic grammar and enough vocabulary to enable the student to speak and understand simple Russian. The intermediate course introduces the student to the Russian literary language; also some newspaper articles and other contemporary material are read.

Students who have completed Russian 21-22 can continue with the more advanced courses offered at Bryn Mawr College.

Major Requirements

(Courses numbered above 100 are offered at Bryn Mawr College.)

Students majoring in this field will be required to take:

8 semester-courses in Russian language and literature: 11-12, 21-22, 201, a 300 course chosen from 301, 302, 303, 304, in addition to the 100 course.

4 semester courses in Russian history and institutions: History 208 (History of Russia); Political Science 41 (Soviet Political and Economic Development).

Other related courses, including Russian 203, (Russian Literature in Translation) will be arranged in individual conference with the major supervisor.

A comprehensive examination on the Russian language, a special period of Russian literature, and Russian history.

11-12. ELEMENTARY RUSSIAN*—*Five periods a week.* Miss de Graaff.

Russian grammar, conversation, and reading.

21-22. INTERMEDIATE RUSSIAN—*Four periods a week.* Miss de Graaff.

Grammar review, reading in Russian classics and contemporary materials, conversation. Prerequisite: *Russian 11-12* or the equivalent.

The following courses are given at Bryn Mawr College:

201. READING IN RUSSIAN LITERATURE—Miss de Graaff.

Representative writers of the nineteenth century. Conducted mostly in Russian. Prerequisite: *Russian 21-22*.

203. RUSSIAN LITERATURE IN TRANSLATION—Miss Linn.

The leading Russian writers of the nineteenth century in translation. Students registering for the course should read in the preceding summer the following novels: Dostoevsky's *Crime and Punishment*. Tolstoi's *War and Peace*, and two of Turgenev's novels.

Not offered in 1956-57.

302. RUSSIAN LITERATURE OF THE TWENTIETH CENTURY—Miss de Graaff.

Conducted in Russian. Prerequisite: *Russian 201*.

*This course meets five times a week with corresponding reduction in outside preparation; three hours credit.

Sociology and Anthropology

THE CURRICULUM in Sociology and Anthropology is designed to develop the student's understanding of the social structure, the social process, and the social relationships of human societies. The subject matter deals with man, his groups, his organizations, and his communities. Courses are offered for those who would make these subjects their area of major interest as well as for those students who wish to study behavioral science methods or such specific groups and institutions as populations, the family, and the urban community.

Major Requirements

A major program in Sociology and Anthropology has a prerequisite of *Sociology 11, 21, 22, and 23*. Students are advised to take these courses in their Freshman and Sophomore years. The program requires the satisfactory completion of the following courses:

- a. *Sociology 11, 21, 22, 23, 33 or 40, 37 or 38, 50, 81 or 82, 100.*
- b. two additional courses selected from the departments of Economics, Political Science, and Psychology, subject to the approval of the major supervisor.

A comprehensive examination and a research paper designed to test the student's knowledge as well as his ability to integrate and utilize the subject matter of the behavioral sciences are required in the Senior year.

Candidates for Final Honors in Sociology and Anthropology will be required to complete two research papers, one in the field of *Social Groups and Institutions* during

the Junior year, another in the field of *Social Processes and Issues* during the Senior year, and to take a comprehensive examination in each year.

11. INTRODUCTION TO SOCIOLOGY—Mr. Reid and Mr. Smith

A basic course designed to acquaint the student with the essential points of view about human groups and their behavior, the more important information which sociologists have discovered about groups, the research procedures used, and the basic technical vocabulary of the field. *This course is a prerequisite for all other offerings in Sociology and Anthropology.*

12. GENERAL PSYCHOLOGY—Mr. Heath.

(See *Psychology 12.*)

21, 22. SOCIAL RESEARCH—Mr. Reid and Mr. Smith.

An analysis of classic and significant studies in the fields of social sciences with a view toward understanding the methods, tools, techniques, and hypotheses of social research. Studies will demonstrate the use of statistical, case, historical, and other research procedures. Individual projects. Required of Sociology Majors. Prerequisite: *Sociology 11*, or introductory courses in the other social sciences.

23. INTRODUCTION TO ANTHROPOLOGY—Mr. Harper.

A study of the basic materials and ideas of modern anthropology, designed to give the student a well-rounded view of the origin, development, and differentiation of man as a biological organism as he lives within the contexts of human cultures.

26. HUMAN RELATIONS—Mr. Heath.

(See *Psychology 26.*)

27. SOCIAL PSYCHOLOGY—Mr. Heath.

(See *Psychology 27.*)

32. ETHNOLOGY—Mr. Harper.

A comparative study of cultures with particular reference to their institutions, value systems, behavioral patterns, and their interrelations. Prerequisite: *Sociology 23.*

33. POPULATION POLICIES AND PROBLEMS—Mr. Reid.

A study of the restrictive, expansive, and eugenic aspects of national population policies as they are related to demographic theory. Special reference is given to the problems of fertility and mortality, density, immigration, and food supply. Prerequisite: *Sociology 11* and Junior Standing.

34. SOCIAL INSURANCE AND PUBLIC WELFARE—Mr. Somers.

(See *Political Science 34.*)

36. LABOR ECONOMICS AND LABOR RELATIONS—Mr. Teaf.

(See *Economics 36.*)

37. THE FAMILY—Mr. Reid.

A study of the institutions designed to guarantee the perpetuation of the group

and its cultural heritage in comparative societies. The course will analyze functions, forms and processes of the institutions of marriage and the family. Individual projects. Prerequisite: *Sociology 11* and Junior Standing.

Not offered in 1958-59.

38. THE MODERN URBAN COMMUNITY—Mr. Reid.

A study of the social and spatial aspects of modern urban community organization as influenced by personal, technological, ecological, economic and political factors. Special attention is given to the problems and processes of planning. Individual projects. Prerequisite: *Sociology 11* and Junior Standing.

40. RACE AND ETHNIC PROBLEMS IN THE MODERN WORLD—Mr. Reid.

An analysis of the secularization of the world's peoples and the contemporary "minorities" situations in the world; how these situations arise; how they are perpetuated. Special attention is given to theories and methods of analysis. Individual projects. Prerequisite: *Sociology 11*, and Junior Standing.

41. THE PEOPLES OF INDIA—Mr. Harper.

This course is to acquaint the student with the basic structure of rural Indian society. Topics dealt with will include: Village political and economic organization; the caste system; family structure; popular Hinduism; and the relationship of these to the greater Indian civilization. Prerequisite: Junior Standing.

43. CRIMINOLOGY, THEORY AND PRACTICE—(Philips Visitor to be announced.)

An analysis of the principal theories of crime causation from the standpoint of the logic and data upon which they rest. The course will provide an intellectual orientation for research and practice in the fields of criminology and penology. Prerequisite: *Sociology 11* and Junior Standing. Offered in 1958-59 only.

50. SOCIOLOGICAL THEORY—Mr. Smith.

The nature and function of sociological theory and its place in the development of the field of Sociology. The reciprocal functions of sociological theory and sociological research. Intensive attention will be given each year to several major theorists. Prerequisite: *Sociology 11, 21, 22* and at least one advanced course in Sociology.

52. ISSUES IN SOCIETY—Mr. Reid.

This seminar is designed to treat a sociological situation of current or potential importance, emphasizing the nature and problems of social fact, social values and the social process. Individual projects. Required of Sociology Majors. This course may be repeated for credit. Prerequisite: *Sociology 11* and Junior Standing.

Not offered in 1958-59.

64. SPECIAL TOPICS IN ANTHROPOLOGY—Mr. Harper.

An advanced course in restricted fields of cultural anthropology. Elective for Seniors. Prerequisite: *Sociology 32*.

Not offered in 1958-59.

81, 82. PROJECT AND READING COURSES.—*Individual consultation; supervised independent reading and research*—Staff.

Research papers and reading courses on special topics based upon the individual interests of advanced students. Theses for majors in the Department may be written for credit in this course. Admission is subject to the consent of the Chairman.

Spanish

(see Romance Languages)

Arts and Service Program

THE FACULTY OF HAVERFORD COLLEGE adopted in the spring of 1947 a program which involves a new departure in American education. This program is designed to cultivate aesthetic perception, creative control of materials, a love of fine workmanship, and other important areas of learning and of experience, such as community service, which have often been neglected in the liberal arts program. The Faculty feels that, though courses (called "units") in these areas cannot properly be included in the academic curriculum, they are of no less importance in the development of personality than strictly intellectual work.

Every student is required to take nine terms of work which is not academic in nature. It is mandatory that six of these terms be taken in Physical Education: three in the Freshman year, two in Sophomore year, and one in the Junior year. The remaining three terms may be devoted either to offerings of the Department of Physical Education or to units of the Arts and Service Program described here. The first election of such units in the Arts and Service Program may be made in the fall or winter term of the Sophomore year.

In its non-academic work, the College insists on the same high quality of teaching which it demands in its academic courses. A distinction in the two types of work is needed not because one is thought to be less important than the other, but because in the opinion of the Faculty the two kinds of work are different and should not be equated.

CABINETMAKING—*Three hours a week.* Mr. Holmes.

Instruction will be offered during the winter term in woodworking with hand tools on selected tasks. Qualified students may work on projects of their own choice insofar as facilities permit. Cost of materials will be borne by the student. Limited to five students with consent of instructor. Students wishing to enroll in this unit should see Mr. Holmes two weeks before registration.

COMMUNITY SERVICE—*Three hours a week.* Mr. Hetzel.

Non-academic credit will be given to students who serve as group leaders in the activities of community services. Activities include athletics, scouting, clubs, music, dramatics, hobbies, and other youth-leadership work. Competent social workers will supervise the work, and guidance will be given by sociologists to make the experience meaningful.

Offered in the fall and winter terms.

MACHINE-TOOL WORK—*Three hours a week.* Mr. N. Wilson.

The unit for beginners will be conducted in the winter term and will include machine tool work on the lathe, milling machine, shaper, and drill-press. Those who have sufficient skill will be permitted to use the scheduled period for approved projects of their own choice. Limited to five students.

MODELING AND SCULPTURE—*Three hours a week.* Mr. J. W. Kelly.

This course for beginners or advanced students will be offered in winter term. It includes composition, portrait, life, and some study of modern trends in sculpture. As artists have for long been taught to read, so this course aims to teach academic students to see.

MODERN IRON SCULPTURE—*Three hours a week.* Mr. J. W. Kelly.

A practical course using a spot welder to develop three dimensional free forms. Each student will make sketches and develop a composition, will use iron rods and thin gauge sheet iron cut, shaped and then welded together. Students will also discuss Modern Sculpture with the instructor. Limited to six students.

MUSIC APPRECIATION—(1)—*Three hours a week.* Mr. Reese.

An elementary course designed to develop a technique of listening to music. The basic aspects of music—melody, rhythm, harmony, texture, color, form—are studied. Emphasis is placed on the analysis of examples given and of music heard in available concerts. Offered in the winter term.

MUSIC APPRECIATION—(2)—*Three hours a week.* Mr. Caselli.

Verdi—growth of a genius. Verdi's operas will be presented in recorded form, analyzed and compared with the work of other contemporary composers. Offered in the fall term. No prerequisites.

PAINTING AND DRAWING—*Three hours a week.* Mr. Janschka.

The purpose of instruction in this course is to help students in acquiring perception and skill in artistic creation and rendition through the media of painting, drawing and modeling. The work may be from life and nature, from imagination, or the copying of art works. Prior experience is not required. Offered in the fall and winter terms. Limited to twelve students each term.

PHOTOGRAPHY—*Three hours a week.* Mr. N. Wilson.

This unit is for beginners and will include instruction in the use and characteristics of photographic equipment, the processing of films and papers, and the composition of subject material both indoors and outdoors. Limited to six students. Offered in the fall term.

PUBLIC SPEAKING—*Three hours a week.* Mr. Butman.

The course is intended for those who are particularly interested in public speaking and require some expert tuition.

RADIO COMMUNICATION—*Three hours a week.* Mr. Benham.

This unit consists of projects in radio, such as instruction in the International Morse Code, a study of basic principles, or a construction project (the cost of materials to be borne by the student). It may serve as preparation for the amateur license examination given by the Federal Communications Commission. Admission with the consent of the instructor. Offered in the winter term.

READING AND RECORDING FOR THE BLIND—*Three hours a week.* Mr. Benham and Mr. Butman.

This unit offers the opportunity of reading to students at the Overbrook School for the Blind or making tape recordings of short stories, novels and poetry. Subject to the approval of the instructors. Offered in the winter term.

THEATER ARTS—*Three hours a week.* Mr. Butman.

This course is intended to give students interested in drama an opportunity to work on the problems of directing and producing plays. Admission with consent of the instructor. Offered in the fall term.

WEEKEND WORKCAMPS—Mr. Hetzel and Mr. Richie.

Students electing this unit will spend two week-ends participating in the work of renovating houses in certain areas in Philadelphia. Consultations with expert social workers and discussion within the camp group will promote an interest in and understanding of social problems. Offered in the fall and winter terms.

Student Government

THE STUDENTS' ASSOCIATION is made up of all undergraduates at Haverford College. The College Administration has delegated to the Students' Association—and the Association has accepted—the responsibility for nearly all aspects of student conduct and of student organizations on the campus. The main instrument for exercising this unusual degree of self-government is the Students' Council, composed of elected representatives from each class and supplemented by representatives elected from each dormitory.

The Students' Council is both an executive and a judicial body. It handles all phases of the administration of regulations of the Students' Association. On the campus the Council manages extracurricular activities, exclusive of athletics, and allocates to each organization a percentage of the Student Activities Fees.

The presidency of the Students' Council is the most important undergraduate office at Haverford. The President represents the student body before the Board of Managers, the College Administration, and the Faculty. He serves both as liaison officer and as executive. He conveys to the College Administration the recommendations of the Students' Council in disciplinary matters.

Honor System

THE HONOR SYSTEM at Haverford is based on the belief that students can successfully take the responsibility of establishing and maintaining standards in social and academic life. In the academic area the Honor System stipulates that one should distinguish clearly between one's own work and material from any other source. Since examinations are not proctored at Haverford, suitable conduct is required by accepted code. In the social area the guiding principle is respect for the reputation of women guests and of the College.

THE HONOR PLEDGE is called to the attention of each applicant for admission to Haverford College:

"I hereby accept the Haverford College Honor System, realizing that it is my responsibility to safeguard, uphold, and preserve each part of the Honor System and the attitude of personal and collective honor upon which it is based."

Specifically, each student who enters Haverford pledges himself to uphold two responsibilities under the Honor System: (1) to govern his own conduct according to the principles which have been adopted by the Students' Association; (2) in case of a breach of the Honor System to report himself to the Students' Council; in addition if he becomes aware of a violation by another student, to ask the offender to fulfill his pledge by reporting himself. If the offender refuses, the student is pledged to report the matter to the Students' Council. In this manner each individual becomes personally responsible for the successful operation of the entire Honor System.

There are several ways in which the Honor System contributes to the quality of student life at Haverford. There is educational value in considering carefully the factors which make standards necessary and in deciding as a group what standards and regulations are needed in a college. It follows that a large degree of self-government is made possible since students are willing to respect those standards which they themselves have set up. At the same time Haverford successfully meets its responsibility to the community by maintaining an acceptable level of conduct. With his privileges and responsibilities more clearly defined, a Haverford student enjoys a freedom which contributes to the atmosphere of integrity and mutual confidence that prevails at the College.

Each entering student should feel confident before selecting Haverford that he can give his active support to the Honor System. He should realize that its success, which is of great importance to him personally and to the whole student body, and indeed to the College itself, depends upon his willingness to give it his complete support.

Student Committees

THE HONOR SYSTEM COMMITTEE is responsible for introducing the Honor System to incoming students. It also makes periodic evaluations of how the System works.

THE ADVISORY COMMITTEE ON COLLECTION SPEAKERS makes suggestions on possible speakers for the College and arranges for interested students to meet with these visitors.

Student Organizations

THE PUBLIC AFFAIRS ASSOCIATION is an organization of men interested in political, economic and sociological affairs. It includes as subsidiary groups a chapter of the Intercollegiate Conference on Government and the Political

Forum which is responsible for bringing speakers on current affairs in these fields to the campus.

THE INTERNATIONAL CLUB, founded in 1954 by an exchange student, offers opportunities for Haverford students to become acquainted with customs in foreign countries.

THE W. W. COMFORT DEBATING SOCIETY elects to membership men who have shown a consistent interest in debating, and who have represented the College on more than one occasion. Every year a series of intercollegiate debates is conducted.

THE DRAMA CLUB, in conjunction with the Bryn Mawr College Theatre, produces on the average three major plays a year, alternating between the Bryn Mawr and Haverford stages. The workshop of the Club, with lectures and discussions on all vital aspects of play production, is open to all regardless of previous experience.

THE HAVERFORD COLLEGE GLEE CLUB, the chief musical organization of the College, is open to all students who have a love of music and enjoy singing. A schedule of trips and joint concerts with choruses of the principal women's colleges is planned each year, often including a concert tour during Spring vacation. The Club presents major choral works as well as numbers for male voices. Rehearsals are held twice weekly.

THE ORCHESTRA is a combined enterprise with Bryn Mawr College. All students playing orchestral instruments are invited to get in touch with the Director, Dr. William Reese. Concerts of orchestral music are presented during the year and the Orchestra often participates with the Glee Club in the performance of major choral works.

Smaller ensemble groups for chamber music are fostered at both colleges. There is opportunity for instrumental study with noted teachers at nearby music institutions.

THE BAND plays at football games, pep rallies, and on a few other occasions.

THE RADIO CLUB operates the College radio station, WHRC. Members of the club arrange programs, operate the station, and build or buy necessary equipment. The studios are located in the third floor of the Union Building.

THE PHOTOGRAPHIC CLUB promotes interest in photography and has the use of a dark-room and equipment located in Leeds Hall.

THE VARSITY CLUB of Haverford College, organized in 1936, is composed of undergraduates who have won varsity letters. Its purpose is to advance the interests and ideals of the College through athletics.

DEPARTMENTAL CLUBS. There are at Haverford various departmental groups, which arrange for outside speakers, hold discussion sessions, sponsor demonstrations, plays, and social gatherings. Among these are the French Club, German Club, Spanish Club, Philosophy Club, Psychology Club, the Mathematics Club, Biology Club, and Chemistry Club.

THE PEACE ACTION FELLOWSHIP attempts to stimulate student thinking on pacifism. Activities are designed to explore non-violence both in theory and in its relevance to specific areas of conflict.

Joint Faculty and Student Groups

THE COMMITTEE ON STUDENT AFFAIRS is a joint committee made up of members of the faculty and undergraduates. It is charged with supervising the arrangements for social affairs on campus, and with reviewing the budgets of various recognized student organizations.

THE CAMPUS CLUB is an association of graduates, faculty members, undergraduates, and friends of the College who are interested in maintaining and increasing the beauty of the College campus.

Student Publications

THE HAVERFORD NEWS is a weekly newspaper, distributed to all undergraduates and faculty members and sent to all members of the alumni body. It is published on Fridays, during the college year, by undergraduates. There are opportunities for all interested men on both editorial and business staffs.

THE HAVERFORD COLLEGE HANDBOOK is published each fall under the auspices of the Students' Council. It contains information particularly valuable to new students.

THE RECORD is published annually by the Senior class, with the financial support of the Students' Association. It includes a record of the year, with particular emphasis upon the activities of the graduating class.

THE HAVERFORD REVUE is a magazine devoted to student literary efforts. It is published approximately twice a year.

Health Program

Each student is required to have a complete physical examination by his own physician before entering the College. Follow-up examinations are given when indicated by the College physician. Chest x-rays are provided each year for the entire student body. Influenza Vaccine is recommended and given to the entire student body each year, at no additional cost to the student.

Each student is entitled to unlimited dispensary service, at stated hours, and first-aid service at any time.

In case of illness, each student is entitled to two weeks of residence in the Morris Infirmary each semester, ordinary medicine, diagnostic laboratory work, and x-rays needed for diagnosis, and the services of the College physician and resident nurse.

Students will be charged \$5.00 a day for residence in the Infirmary after their first two weeks. Day students will be charged for board in addition, while in the Infirmary.

Each student is also covered by a blanket accident policy which pays actual expenses resulting from any accident up to a limit of \$500.00 for each accident. The expenses covered include x-rays, medicine, surgical appliances, hospital bills, nursing care, physician's fee, surgeon's fee, and also dentist bills for repair or replacement of natural teeth as a result of an accident, subject to the approval of the College physician. The coverage is in force from 12:01 A.M. Standard Time three days before the date when registration of entering students begins until midnight three days after Commencement Day.

All of these services are covered by the Unit Fee which is paid by all students (see page 27).

The Infirmary, presented by John T. Morris, '67, contains ten beds, a surgical room, an isolation ward for contagious diseases, its own kitchen, and accommodations for a resident nurse. Every provision has been made for medical and surgical treatment of all cases among students during the college year. The danger of infection through illness in the college dormitories is thus minimized.

Library, Laboratories, and Other Academic Facilities

The Library

THE HAVERFORD COLLEGE LIBRARY is planned and developed with the primary purpose of providing the intellectual resources of books, periodicals, and pamphlets needed to sustain the work of the academic curriculum. Most of the volumes have been selected by the teaching faculty, and, with the exception of some special collections described below, the books and periodicals are all on open shelves and readily accessible for over ninety hours a week during the college year. In the administration of the Library, the aim is to bring the resources of the book collection as effectively as possible into the academic life of the College.

Beyond this primary purpose, the Library seeks through several collections to provide opportunities for independent research in certain fields. Most notable of such collections is the Quaker Collection, which attracts many visiting scholars each year. The Government Depository and International Documents Collections provide extensive resources for independent study in the social sciences, and there are further collections of autograph material, orientalia, and particularly of Renaissance literature offering similar research opportunities in other fields.

The Haverford Library contains about 208,000 volumes, and holds subscriptions to over 650 literary and scientific periodicals. Though designed especially for the use of students and faculty of the College, the Library welcomes outside readers who wish to consult the books, and, under certain restrictions, may grant them special borrowing privileges. The Library is open on week-days from 8:00 A.M. to 11:00 P.M., and on Sundays from 2:00 to 11:00 P.M. (Treasure Room: Week-days — 9:00 - 5:00; Saturdays — 9:00 - 12:00). Special hours are arranged for vacation periods.

The Library building, the first portion of which (the present north wing) was built in 1863, has grown by five successive additions. The construction of a new Stack in 1941 has assured room for growth of the book collections for several years to come. In December 1952 the original north wing was renovated in memory of William Pyle Philips, and now forms a bright and comfortable room for quiet study. There are also four special reading rooms in the building:

THE GUMMERE-MORLEY MEMORIAL READING ROOM, decorated and equipped by the Class of 1892, provides a reading and browsing room for Haverford students.

THE MICROMATERIALS READING ROOM, equipped with microfilm and microprint readers and a microfilm file of *The New York Times* from 1942 to the present.

THE RUFUS M. JONES STUDY, a replica of Rufus Jones' own study, with his own books and furniture, is used for seminar classes in philosophy as well as for quiet reading.

THE TREASURE ROOM, provided through the generosity of Morris E. Leeds of the Class of 1888, contains the Quaker Collection as well as other rare books and special collections.

Special Collections

THE QUAKER COLLECTION, containing approximately 20,000 books and 40,000 manuscripts, maps and pictures of interest to the Society of Friends, provides a repository for Quaker literature in the United States, and makes Haverford a vital center for the study of the history and philosophy of Quakerism. The unique nucleus of the library is *The William H. Jenks Collection of Friends' Tracts*, mostly of the seventeenth century, which numbers about 1500 separately bound titles.

THE RUFUS M. JONES COLLECTION ON MYSTICISM contains almost a thousand books and pamphlets from the fifteenth century to the present day.

THE TOBIAS COLLECTION OF THE WRITINGS OF RUFUS M. JONES is practically complete. It consists of 168 separate volumes and 16 boxes of pamphlets and extracts.

THE CHARLES ROBERTS AUTOGRAPH COLLECTION contains more than 20,000 items, embracing autographs of the signers of the Declaration of Independence, authors, statesmen, scientists, ecclesiastics, and monarchs, and also several series of valuable papers on religious and political history.

FRENCH DRAMA OF THE ROMANTIC PERIOD, a collection of several hundred popular plays produced in Paris between 1790 and 1850. The collection was presented to the College by William Maul Measey.

THE CHRISTOPHER MORLEY COLLECTION OF AUTOGRAPH LETTERS comprises about 200 letters and memoranda selected by Mr. Morley from his correspondence files. Over one hundred contemporary authors are represented.

THE WILLIAM PYLE PHILIPS COLLECTION contains more than seventy-five rare books and manuscripts, mostly of the Renaissance period. Among the treasures of this collection are first editions of Dante, Copernicus, Spenser, the King James Bible, Milton, Newton, and the four folios of Shakespeare.

THE HARRIS COLLECTION OF ANCIENT AND ORIENTAL MANUSCRIPTS contains over sixty Hebrew, Greek, Latin, Arabic, Syriac, and Ethiopian rolls and codices collected by J. Rendel Harris.

Affiliations

Haverford maintains a cooperative arrangement with Bryn Mawr and Swarthmore whereby the facilities of the libraries of all three colleges are open to the faculty and students of each of the colleges.

THE PHILADELPHIA BIBLIOGRAPHICAL CENTER AND UNION LIBRARY CATALOGUE, the largest regional cooperative catalogue in America, enables users of the Haverford Library to locate books in over one hundred and seventy libraries of the Philadelphia area.

THE LIBRARY ASSOCIATES is an organization of graduates and friends of the College, devoted to increasing the usefulness of the Library. It serves to bring the facilities of the Library to wider notice and to make them available to the whole Haverford community; to encourage the making of gifts to the Library; and to aid in the use of the Library for exhibition purposes. Inquiries should be addressed to The Library, Haverford College.

Scientific Laboratories

THE WILLIAM J. STRAWBRIDGE MEMORIAL OBSERVATORY is equipped with three equatorially mounted telescopes, a 10-inch and a 4½-inch refractor, and a 6-inch reflector; a reflecting telescope with 8-inch mirror and altazimuth mounting; a meridian circle telescope of 3¾-inch aperture; a zenith telescope of 2¼-inch aperture; a spectrohelioscope; an astrographic mounting provided with two 4-inch Ross lenses and a 4-inch guiding telescope; sidereal clocks, a chronograph, and other instruments. The astronomical library is housed in the Observatory.

THE LYMAN BEECHER HALL CHEMISTRY LABORATORY is a three-story structure with working space in the various laboratories for about two hundred and fifty students. Separate laboratories are available for general chemistry and qualitative analysis, quantitative analysis, organic chemistry, qualitative organic analysis and organic synthesis, semimicro quantitative

analysis, and physical chemistry respectively. In addition two rooms are devoted to the needs of research students. Books and periodicals dealing with chemical subjects are housed in a comfortably furnished library on the first floor which is open to the students.

THE HILLES LABORATORY OF APPLIED SCIENCE houses the Engineering Department. This modern building contains classrooms, drawing rooms, a departmental library, shops, and mechanical and electrical laboratories.

Exceptional facilities for observing the practical side of the work are offered by the many manufacturing companies in and near Philadelphia and frequent inspection trips are made.

SHARPLESS HALL is occupied on the two lower floors by the Department of Physics. Here are situated the departmental library, laboratories, darkrooms, shops, and rooms for individual work. Through the gift of William P. Philips, '02, and through other acquisitions, the department is equipped for advanced work in electronics, x-rays, atomic, nuclear and high energy physics.

The upper floors house the Biology and Psychology laboratories, and the Biology library.

The Biology facilities include a new laboratory (the construction of which was subsidized by the Carnegie Corporation) for introductory cellular Biology, a general laboratory for microbiology and biochemistry and three well equipped, modern laboratories for senior research in cellular physiology, comparative biochemistry, and physiological genetics.

The Psychology Department has a number of individual rooms for student experimental research projects and facilities for housing animals for laboratory work.

Natural History Collections

THE NATURAL HISTORY COLLECTIONS, presented to the College by a considerable number of interested friends, are displayed in Sharpless Hall through a gift of the Class of 1915.

Archaeological Collection

THE BETH SHEMESH MUSEUM on the third floor of Sharpless Hall exhibits the archaeological finds by the late Professor Elihu Grant during a series of field excavations at the site of that name in Palestine. These materials reveal the life of a typical Near East community in the many aspects of its development and interplay with other people over a span of 2000 years. Thus, the collections provide a laboratory for study of the cultural cross-currents which met in Palestine during one of the great formative periods of civilization.

Art Collection

A permanent art collection, including paintings and drawings by Homer, Inness, Pintorricchio, Sargent, Turner, and Whistler, is displayed in the Library.

Temporary exhibitions of paintings, drawings, and photographs are held from time to time at the College.

Framed reproductions of outstanding paintings and a few originals are available for loan to students at the beginning of each semester.

Music Collection

In addition to a considerable collection of music scores, including the complete works of several composers, and books in the general Library, the special equipment of the Music Department consists of several pianos and a collection of scores, books, and phonograph records presented in 1933 by the Carnegie Corporation. This record collection has served as the basis for further acquisitions which are used for teaching and study purposes.

THE ALFRED PERCIVAL SMITH ROOMS in the Haverford Union are reserved for music study. There is a larger room with a Steinway Grand for the holding of classes and informal concerts organized by the Music Department, and the Music Department office in which a small library of valuable books, scores and records is kept.

The larger concerts are held in Roberts Hall where a Steinway Grand and a Schlicker portable pipe organ are at the disposal of artists.

THE HAVERFORD COLLEGE FRIENDS OF MUSIC is an association of friends and neighbors of the College and faculty members, who, in cooperation with the Music Department, arrange a series of chamber music concerts which are held at various times during the year in the Common Room.

Campus

THE ARBORETUM AND THE WOOLMAN WALK, the latter the gift of Edward Woolman, '93, contain a wide variety of woody plants, both indigenous and exotic, thus permitting direct observation and study by students of the natural sciences.

THE MARY NEWLIN SMITH MEMORIAL GARDEN which adjoins the south side of the Library, while primarily developed as a decorative feature, contains a wealth of flowering shrubs of interest to the botanist.

The Bucky Foundation

THE BUCKY FOUNDATION, which has as its goal the promotion of a spiritually grounded political and economic order, supports various efforts of the College to prepare students to assume a responsible role in society.

Income from the Foundation has been used to sponsor a Constructive Citizenship program and for the training of students through the Relief and Reconstruction Unit. It is being used to support Haverford participation in a program of week-end work-camps and community service.

Fellowships, Prizes and Honors

Fellowships

THE CLEMENTINE COPE FELLOWSHIP was established in 1899. The income is applied to "assisting worthy and promising graduates of Haverford College in continuing their studies at Haverford or at some other institute, in this country or abroad, approved by the Board of Managers. Candidates shall be nominated by the College Faculty to the Board of Managers."

The Faculty will nominate a First Cope Fellow and a Second Cope Fellow whose individual stipends, not to exceed \$1,000, will be determined by the Board.

Applications for the Clementine Cope Fellowship must be in the hands of the President before February 28, accompanied by whatever statement of extracurricular activities the candidate considers relevant.

Prizes

(All prizes awarded in books are marked with appropriate bookplates. As soon as possible after the award a list of standard books from which selection is to be made should be submitted for approval to the head of the department awarding the prize. Books selected from the approved list may then be ordered through the College Business Office. The College grants an average discount of ten per cent on prize books, and supplies and bookplates.)

ALUMNI PRIZE FOR COMPOSITION AND ORATORY.—A prize of \$50.00 was established by the Alumni Association in 1875 to be awarded annually for excellence in composition and oratory. Competition is open to Freshmen and Sophomores, but the same man may not receive the prize twice. The competition for this prize is administered by the Department of English.

JOHN B. GARRETT PRIZES FOR SYSTEMATIC READING.—A first prize of \$50.00 and a second prize of \$25.00 will be given at the end of the Junior or Senior year to the two students who, besides creditably pursuing their regular course of study, shall have carried on the most profitable program of reading in a comprehensive topic during a full college year.

Candidates for these prizes must register with the chairman of the department under whose supervision the work will be performed. The department is responsible for guiding the work and reporting the achievement to the Committee on Fellowships and Prizes for final judgment. Either or both of these prizes may be omitted if, in the judgment of the Committee, the work does not justify an award.

Interested students should apply directly to a relevant department for information.

THE CLASS OF 1896 PRIZES IN LATIN AND MATHEMATICS.—Two prizes of \$10.00 each, in books, to be known as "The Class of 1896 Prizes in Latin and Mathematics," were established by the bequest of Paul D. I. Maier of the Class of 1896. They are awarded at the end of the Sophomore year to the students who have done the best work in the departments concerned.

THE LYMAN BEECHER HALL PRIZE IN CHEMISTRY.—A prize of \$100.00 was established by the Class of 1898 on the twenty-fifth anniversary of its graduation, in honor of Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917.

This prize may be awarded to a student who has attained a high degree of proficiency in Chemistry and who shows promise of contributing substantially to the advancement of that science. It may be awarded to a Junior, to a Senior, or to a graduate of Haverford College within three years after graduation. It may be awarded more than once to the same student, or it may be withheld.

THE CLASS OF 1902 PRIZE IN LATIN.—A prize of \$10.00 in books, is offered annually by the Class of 1902 to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory. At the discretion of the professor in charge of the Department, this prize may be omitted in any year.

THE DEPARTMENT PRIZES IN MATHEMATICS.—A first prize of \$30.00 and a second prize of \$20.00 are awarded on the basis of a three hour examination on selected topics in Freshman Mathematics. The examination is held annually on the first Monday after the Spring Recess, and is open to Freshmen only.

ELLISTON P. MORRIS AND ELIZABETH P. SMITH PEACE PRIZES.—These have been combined for the year 1958-59 into a single competition offering three awards of \$200.00, \$100.00 and \$50.00 respectively. It is open to all undergraduates and to graduate students.

The prizes are awarded for the best essays bearing on the general topic of "Means of Achieving International Peace." Essays should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College.

Prizes will not be awarded if, in the opinion of the judges, a sufficiently high standard of merit has not been attained.

PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE.—A prize of \$40.00 and a second prize of \$25.00, in books, are offered annually to the students who, in the judgment of the professor in charge, do the most satisfactory

outside reading in Philosophy in connection with the courses in that Department.

A prize of \$40.00 and a second prize of \$25.00, in books, are offered annually to the students who, in the judgment of the professor in charge, do the most satisfactory reading on the Bible and related subjects.

THE SCHOLARSHIP IMPROVEMENT PRIZES.—A first prize of \$50.00 and a second prize of \$45.00 are awarded at the end of the Senior year to the two students who, in the opinion of the judges appointed by the President of the College, show the most steady and marked improvement in scholarship during their college course.

THE FOUNDERS CLUB PRIZE.— A prize of \$25.00 is offered and awarded annually by the Founders Club to the Freshman who is judged to have shown the best attitude toward college activities and scholastic work.

THE S. P. LIPPINCOTT PRIZE IN HISTORY.—A prize of \$100.00 is offered annually for competition in the Department of History under the following general provisions:

First—Competition is open to Sophomores, Juniors, and Seniors who have taken or are taking work in the Department of History.

Second—The prize shall not be awarded twice to the same student.

Third—The prize may be withheld in any year if, in the opinion of the judges, a sufficiently high standard of merit has not been attained.

Fourth—An essay of not less than 5,000 words, written in connection with course or Honors work in History, or independently of course work, treating a subject selected with the approval of a member of the History Department, shall be submitted as evidence of scholarly ability in the collection and presentation of historical material. It shall be typewritten and deposited with the Registrar before May 1.

THE NEWTON PRIZE IN ENGLISH LITERATURE.—A prize of \$50.00 established by A. Edward Newton may be awarded annually on the basis of Final Honors in English, provided that the work of the leading candidate, in the judgment of the English Department, merits this award.

THE WILLIAM ELLIS SCULL PRIZE.—A prize of \$50.00, established in 1929 by William Ellis Scull, '83, is awarded annually to the upperclassman who shall have shown "the greatest achievement in voice and in the articulation of the English language." This prize is administered by the Department of English.

THE GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS.—A prize of \$50.00 in memory of Dr. George Peirce, '03, is offered annually to a student of Chemistry or Mathematics "who has shown marked proficiency in either or both of these studies and who intends to follow a profession which calls for such preparation. Preference is to be given to a student who has elected organic chemistry, and failing such a student, to one who has elected Mathematics or some branch of Chemistry other than organic. Should there be two students of equal promise, the one who is proficient in Greek shall be given preference." The prize is offered, however, exclusively for students who have expressed the intention of engaging in research.

EDMUND J. LEE MEMORIAL AWARD.—Classmates of Edmund Jennings Lee, '42, who lost his life in the service of his country, have established in his memory a fund, the income from which is to be given annually to that "recognized undergraduate organization which has contributed most toward the furtherance of academic pursuits, extracurricular activities, spiritual growth, or college spirit in individuals or in the College as a whole during the year. The Award is to be used in continuing to render such service."

THE WILLIAM W. BAKER PRIZE IN GREEK.—A prize of \$25.00 in books, established in 1954 in memory of William W. Baker, Professor of Greek at Haverford College from 1904 to 1917, is given "in the study of Greek," and is administered by the Greek Department.

THE THERESA HELBURN PLAYWRITING AWARD.—These awards, open to all students of Bryn Mawr College, are given by Theresa Helburn to encourage playwriting. The prize consists of \$100.00 for the best full-length play and \$50.00 for the best one-act play submitted each year and considered worthy. Original work is required; adaptations, translations and collaborations are not eligible. Haverford students in playwriting may submit manuscripts for these awards.

THE JOHN G. WALLACE CLASS NIGHT AWARD. A silver cup to be awarded annually to the Best Actor in the Class Night performances.

Honor Societies

PHI BETA KAPPA.—The Haverford College Chapter of the Phi Beta Kappa Society of America was chartered in 1898 as Zeta of Pennsylvania. Election of members-in-course, Alumni members, and Honorary members, based upon scholarly attainment and distinction, takes place at the end of the academic year. *President:* Howard Comfort, '24; *Vice President:* Wilmot R. Jones, '23; *Secretary:* Harry W. Pfund, '22; *Treasurer:* Holland Hunter, '43.

FOUNDERS CLUB.—The Founders Club was established in 1914 as a Haverford organization of students, alumni, and Faculty. Election to its membership is recognition of a sound academic record combined with noteworthy participation in extra-curricular activities. Undergraduate elections are usually limited to the Junior and Senior classes. *President:* James C. Buckley, '49; *Vice President:* Robert W. McConnell, Jr., '40; *Treasurer:* William L. Rhoads, 3rd, '50; *Secretary:* James R. Moyes, '59.

Honors

Honors are of two kinds: *Honorable Mention* in a single course and *Final Honors* for work in the major department.

Honorable Mention in a single year course will be awarded at the end of the Freshman or Sophomore year, or at the end of the Junior or Senior year in any course outside a student's major field, for acceptable work in that course and additional work in the total amount of not less than seventy-five hours. Candidates for *Honorable Mention* must obtain a minimum grade of 85 in the regular work of the course and may be required to pass an examination on the additional work. Two courses of one semester each in the same department may be construed as a single course.

A student who has received the prescribed grade in the regular work of a course required for *Honorable Mention*, but who has not done the additional work required in connection with that course may do so with the consent of the professor in charge during the succeeding year.

Final Honors are designed to provide stimulation for capable students to undertake and carry through academic work of high quality. The Faculty has agreed that three indications of such high quality work on the student's part are: first, a broad and thorough understanding of his major field; second, within the range of his honors work a knowledge more profound than would normally be expected; and third, understanding of the relationship of his major field to other areas of human experience.

A student who is considered by his major department to have the ability to become an honors candidate is invited to do so and is informed of the nature of the honors work expected as early in the course of his major work as is convenient. Although the nature of honors work varies from department to department, some work outside of the regular course work in the department, preferably along lines of the student's particular interest, may be required. The honors candidate may gain some time for this extra work by devoting one or more project courses to it in his Senior year.

Three grades of Final Honors are awarded: *Honors*, *High Honors*, and *Highest Honors*.

Honors are awarded at the discretion of the major department to honors candidates who meet the qualifications and may, under exceptional circumstances, be awarded to students who have done excellent departmental work even though they have not undertaken honors work as such.

High Honors and *Highest Honors* are awarded by the Faculty. Candidates for honors whose work has been outstanding are invited by the department to take a public oral examination, conducted by an examination committee under the chairmanship of the major supervisor and including at least two examiners from fields other than the candidate's major. If this committee so recommends, the Faculty may award High or Highest Honors. In general, Highest Honors are reserved for students who have demonstrated both breadth and depth of scholarship.

Alumni Council

Officers of the Alumni Association, Members of the Executive Committee and Alumni Representatives on the Board of Managers

President

WILLIAM F. TIERNAN, JR., '36
Franklin Printing Company
Primos, Pa.

KENNETH E. KINGHAM, '29
Haverford School
Haverford, Pa.

1st Vice President

ARTHUR R. KANE, JR., '36
Weyl & Kane
Philadelphia National Bank Bldg.
Philadelphia, Pa.

WILLIAM M. LEE, '46
526 School Lane
Swarthmore, Pa.

ROBERT L. BALDERSTON, '39
386 Bair Road
Berwyn, Pa.

2nd Vice President

J. HOWARD MORRIS, JR., '30
2574 Fairmount Blvd.
Cleveland Heights 6, Ohio

JOHN A. LESTER, JR., '37
Haverford College
Haverford, Pa.

3rd Vice President

JOHN C. WHITEHEAD, '43
Hillbury Road
Essex Fells, N. J.

JONATHAN M. STEERE, JR., '38
3006 West Coulter Street
Philadelphia 29, Pa.

Treasurer

H. ROYER SMITH, JR., '44
H. Royer Smith Company
10th & Walnut Streets
Philadelphia, Pa.

IRVIN C. POLEY, '12
6012 Chew Street
Philadelphia 38, Pa.

Executive Secretary

BENNETT S. COOPER, '18
Haverford College
Haverford, Pa.

BERNARD V. LENTZ, '33
White, Williams & Scott
1930 Land Title Building
Philadelphia 10, Pa.

Executive Committee

ROBERT B. GREER, '18
17 South Avenue
Media, Pa.

HARRY T. PAXTON, '36
414 Radnor Street Road
Wayne, Pa.

THOMAS A. MEDSGER, '58
Haverford College
Haverford, Pa.

Alumni Council *(continued)*

Alumni Representatives on Board of Managers

JOHN S. WILLIAMS, '20
Franklin Printing Company
Primos, Pa.

HERBERT W. REISNER, '31
102 West Mermaid Lane
Philadelphia 18, Pa.

JAMES P. MAGILL, '07
Eastman, Dillon &
Union Securities Company
225 South 15th Street
Philadelphia 2, Pa.

JERVIS J. BABB, '21
Lever Brothers
100 Park Avenue
New York 17, N. Y.

Regional Members (In Office through February 1959) Members at Large and Members of Nominating Committee

REGIONAL MEMBERS

New England States:

SUMNER W. FERRIS, '43
Hemphill, Noyes & Co.
10 Post Office Square
Boston, Mass.

JOHN W. SPAETH, JR., '17
45 Lawn Avenue
Middletown, Conn.

New York & Connecticut:

RICHARD O. GIBBS, '34
N. Racebrook & Center Roads
Woodbridge, Conn.

HOWARD J. HOGENAUER, '24
648 King Street
Port Chester, N. Y.

WILLIAM T. JEBB, '21
85 Ledyard Road
West Hartford, Conn.

LLEWELLYN P. YOUNG, '45
114 Clinton Street
Brooklyn, N. Y.

New Jersey:

A. DOUGLAS KNOWLTON, '20
135 Parsonage Hill Road
Short Hills, N. J.

BERNARD LESTER, '04
37 Woodland Road
Maplewood, N. J.

Delaware, Maryland & Washington, D. C.:

GEORGE B. BOOKMAN, '36
4821 Cumberland Ave.
Chevy Chase, Md.

M. DANIEL DAUDON, '49
10 Haslet Way
Wilmington 6, Del.

WALTER SONDHEIM, JR., '29
4006 Alto Road
Baltimore, Md.

Alumni Council (*continued*)

Southeastern States:

DUDLEY D. CARROLL, '08
Univ. of North Carolina School
of Business Administration
Chapel Hill, N. C.

Great Lakes States:

ALEXANDER R. CARMAN, JR., '26
Stationery Manufacturing Co.
111 North Canal Street
Chicago, Illinois

FRANK T. GUCKER, '20
Department of Chemistry
University of Indiana
Bloomington, Indiana

Western States:

J. RUSSEL FITTS, '20
407 West 8th Street
Kansas City, Mo.

Pacific States:

JAMES F. GARY, '42
4533 East Laurel Drive
Seattle, Wash.

Pennsylvania:

(Other than Philadelphia)

JOHN H. BIDDLE, '27
325 Penn Street
Huntingdon, Pa.

ROBERT F. EDGAR, '31
Gulf Oil Corporation
P.O. Box 997
Erie, Pa.

EDMUND C. WINGERD, JR., '38
1053 Wilson Avenue
Chambersburg, Pa.

Philadelphia:

EDWARD F. LUKENS, JR., '16
606 Winsford Road
Bryn Mawr, Pa.

KENNETH S. ROBERTS, '42
8405 Hull Drive
Philadelphia 18, Pa.

F. JOSEPH STOKES, JR., '35
1012 Westview Street
Philadelphia, Pa.

MEMBERS AT LARGE

HENRY G. BARNHURST, '31
121 Farrington Avenue
N. Tarrytown, N. Y.

JOHN W. MASLAND, '33
2 Webster Terrace
Hanover, N. H.

INGRAM H. RICHARDSON, '28
Box 95
Mendham, N. J.

CLAYTON E. RANCK, '38
Brook Hill Farms
Brackenville Road
Hockessin, Del.

JOHN L. PARKER, '36
Provident Mutual Life Insurance Company
Fidelity Building
Baltimore 1, Md.

Alumni Council (*continued*)

ALUMNI NOMINATING COMMITTEE

ALLEN C. THOMAS, JR., '28 426 Carpenter Lane Philadelphia, Pa.	CHARLES WARNER, JR., '23 1721 Arch Street Philadelphia 3, Pa.
BENJAMIN S. LOWENSTEIN, '34 1736 Land Title Bldg. Philadelphia, Pa.	GRANVILLE E. TOOGOOD, '20 N. W. Ayer & Son, Inc. West Washington Square Philadelphia, Pa.

HAVERFORD CLUB OF PHILADELPHIA

Meridian Club

Chancellor and Camac Sts., Philadelphia, Pa.

<i>President</i>	ARTHUR E. JONES, '45 494 Timber Lane, Devon, Pa.
<i>Vice President</i>	MILTON P. KING, '49 1064 Kingsley Road, Jenkintown, Pa.
<i>Secretary</i>	JOHN M. STROTBECK, '55 200 Sabine Avenue, Narberth, Pa.
<i>Treasurer</i>	WILLIAM M. MAIER, '31 814 Provident Trust Bldg., Philadelphia, Pa.

HAVERFORD SOCIETY OF NEW YORK

<i>President</i>	HENRY G. BARNHURST, '31 121 Farrington Avenue, N. Tarrytown, N. Y.
<i>Vice-President</i>	LEWIS H. BOWEN, '34 Kersting, Brown & Co., 50 Broad Street, New York 4, N. Y.
<i>Secretary</i>	JOSEPH G. BILLO, '50 Baker, Voorhis & Co., 30 Smith Ave., Mount Kisco, N. Y.
<i>Asst. Secretary</i>	REGINALD B. COLLIER, '50 Copper Hill Road, Sand Brook, N. J.
<i>Treasurer</i>	CHARLES B. CONN, '35 148 Highland Avenue, N. Tarrytown, N. Y.
<i>Asst. Treasurer</i>	JAMES B. WOOD, III, '50 "Braewold", Mt. Kisco, N. Y.

HAVERFORD SOCIETY OF MARYLAND

- President* E. HAMBLETON WELBOURN, JR., '38
Connecticut General Life Insurance Co., Baltimore, Md.
- Vice President* JOSEPH W. SENER, JR., '50
John C. Legg & Company, Baltimore, Md.
- Vice President* JOHN W. PIERSON, JR., '45
808 Kingston Road, Baltimore, Md.
- Secretary-Treasurer* ROBERT J. FRANKE, '52
354 Old Trail Road, Baltimore, Md.
- Asst. Secretary-Treasurer* DAVID M. BLUM, '50
3104 Bancroft Road, Baltimore, Md.

HAVERFORD SOCIETY OF WESTERN PENNSYLVANIA

- President* WILLARD E. MEAD, '26
5800 Walnut St., Pittsburgh 6, Pa.
- Secretary* J. STANTON CARSON, '24
624 Frick Bldg., Pittsburgh 19, Pa.
- Treasurer* JAMES M. HOUSTON, '31
717 Oliver Bldg., Pittsburgh 22, Pa.

HAVERFORD SOCIETY OF WASHINGTON

- President* ARTHUR G. ASHBROOK, JR., '41
Apt. 26, Parkway Apartments, 2514 "K" St., N.W., Washington 7, D. C.
- Vice-President* GEORGE E. LAMPHERE, '52
5018 Allan Road, Washington 16, D.C.
- Secretary-Treasurer* MALCOLM H. MCGANN, JR., '42
4468 South 36th Street, Arlington, Va.

HAVERFORD SOCIETY OF CHICAGO

- President* SAMUEL M. MURPHY, JR., '41
13 Brandywine Circle, Batavia, Illinois
- Vice President* HARRIS P. SHANE, '31
2136 Lincoln Park West, Chicago 14, Illinois
- Secretary-Treasurer* JOSEPH SPROULE, '49
224 East Council Trail, Arlington Heights, Illinois

HAVERFORD SOCIETY OF NEW ENGLAND

- President* SUMNER W. FERRIS, '43
Hemphill Noyes & Co., Boston, Mass.
- Vice-President* HUGH E. MCKINSTY, '17
115 Juniper Road, Belmont, Mass.
- Vice-President* PHILIP F. MCLELLAN, '42
Fifty State Street Co., 50 State St., Boston, Mass.
- Secretary* ALBERT D. BRANSON, '41
Rath & Strong, 140 Federal St., Boston, Mass.
- Treasurer* WILLIAM M. BARROWS, '50
246 Eastern Promenade, Portland, Maine

HAVERFORD SOCIETY OF WILMINGTON

- President* M. DANIEL DAUDON, '49
10 Haslet Way, Wilmington 6, Del.
- Vice-President* ROBERT L. DEWEES, M.D., '40
1121 Carr Road, Wilmington, Del.
- Secretary-Treasurer* ROBERT M. BIRD, JR., '38
202 Brecks Lane, Wilmington, Del.

HAVERFORD SOCIETY OF LOS ANGELES

- President* LOUIS J. VELTE, JR., '38
3024 Paddington Road, Glendale, Calif.
- Secretary-Treasurer* L. THEODORE LAWRENCE, JR., M.D., '42
3121 Carfax Avenue, Long Beach, Calif.

HAVERFORD SOCIETY OF NORTHERN CALIFORNIA

- President* RICHARD WISTAR, '28
Mills College, Oakland 13, Cal.

HAVERFORD SOCIETY OF SEATTLE

- President* JAMES F. GARY, '42
4533 East Laurel Drive, Seattle 5, Wash.
- Secretary* DR. ERNEST M. EVANS, '35
1012 Summit, Seattle 4, Wash.

INDEX

	PAGE
Academic Council	16
Academic Facilities	105-109
Accident Insurance	28, 104
Additional Courses	42
Administration, Officers of	15
Admission—Advanced Standing	26
Admission—Examinations	23-25
Admission—Graduate Students	45
Admission—Requirements for	23
Affiliations, Library	106
Alumni Associations	117-122
Anthropology	94-97
Archaeological Collection	108
Art Collection	109
Arts and Service Program	97-99
Astronomy	49
Athletic Fields	80-81
Autograph Collection, Charles Roberts	106
Bachelor's Degree	36-40
Beth Shemesh Museum	108
Biblical Literature	50-51
Biology	51-54
Board of Managers	7-8
Board Charges	27
Bryn Mawr College, Cooperation with	43-44, 107
Bucky Foundation	110
Cabinetmaking	97
Campus	109
Campus Club	103
Chemistry	54-56
Clubs, Undergraduate	101-103
Collection	43
Collections, Library	106-107
College Calendar	5
College Entrance Board Tests	23-25
College Program	17
College Responsibility	28
Committees—Board of Managers	8
Committees—Faculty	16
Community Service	98
Comprehensive Major Examination	39-40
Conflicting Courses	42
Corporation—Officers of	6

	PAGE
Corporation—Standing Nominating Committee	6
Course Numbering	48
Courses of Instruction	47-99
Curriculum	36
Debating	102
Dramatics	102
Economics	56-59
Engineering	59-61
English Language and Literature	61-64
Evaluation of Academic Performance	43
Examinations for Admission	23-26
Expenses	27-28
Faculty—Members of	9-14
Faculty—Standing Committees of	16
Faculty-Student Groups	103
Fees and Special Charges	27-28
Fellowships—Clementine Cope	111
Fellowships—Thomas Wistar Brown	45
Fellowships, Prizes, and Honors	111-116
Field House	81
Financial Arrangements	27-29
Founders Club	115
Free Electives	38
French	90-92
Freshman Program	40-41
General Courses	65
German	65-67
Glee Club	102
Graduate Study	45-46
Graduate Fellowships	45
Greek	68-69
Gymnasium	79-80
Health Program	104
History	69-72
History of Art	72
History of Haverford College	20-22
Honor Pledge	100
Honor Societies	114-115
Honor System	100-101
Honors—Rules for	115-116
Humanities General Course	65

	PAGE
Infirmary	104
Intercollegiate Cooperation	43-44
Laboratories	107-108
Latin	72-73
Lectures and Lectureships	44
Library	105-107
Library Associates	107
Library Lectures	44
Limited Electives	37-38
Loan Fund, Student	29
Machine-tool Work	98
Major Concentration	38-40
Managers, Board of	7-8
Master's Degree	45-46
Mathematics	73-76
Meeting, Friends	19
Modeling and Sculpture	98
Modern Iron Sculpture	98
Monthly Payment of College Bills	28
Music	76-77
Music Appreciation	98
Music Collection	109
Natural History Collections	108
Non-Academic Electives	38
Observatory	107
Orchestra	102
Painting and Drawing	93
Phi Beta Kappa Society	114
Philips Visitors	14, 44
Philosophy	77-80
Photography	98
Physical Education	80-81
Physical Science General Courses	65
Physics	81-84
Political Science	84-87
Prizes—List of	111-114
Professions, Preparation for	41-42
Public Speaking	99
Psychology	87-89

Quaker Collection	PAGE 106
Radio Communication	99
Reading and Recording for the Blind	99
Regulations	42-43
Remedial Reading	41, 89
Romance Languages	90-93
Rooms	27
Russian	93-94
Scientific Laboratories	107-108
Scholarships—List of	30-35
Shipley Lectures	44
Sociology	94-97
Spanish	92-93
Special Cases	43
Special Collections, Library	106-107
Student Activities Fee	27
Student Aid	29
Students' Association	100
Students' Council	100
Student Government	100-101
Student Loan Fund	29
Student Organizations	101-103
Student Publications	103
Swarthmore College, Cooperation with	43-44, 107
Theater Arts	102
Treasure Room, Library	106
Tuition	27
Tuition Plan	28
Unit Fee	27-28
Visitors and Lectures	44
Weekend Workcamps	99
Woolman Walk	109



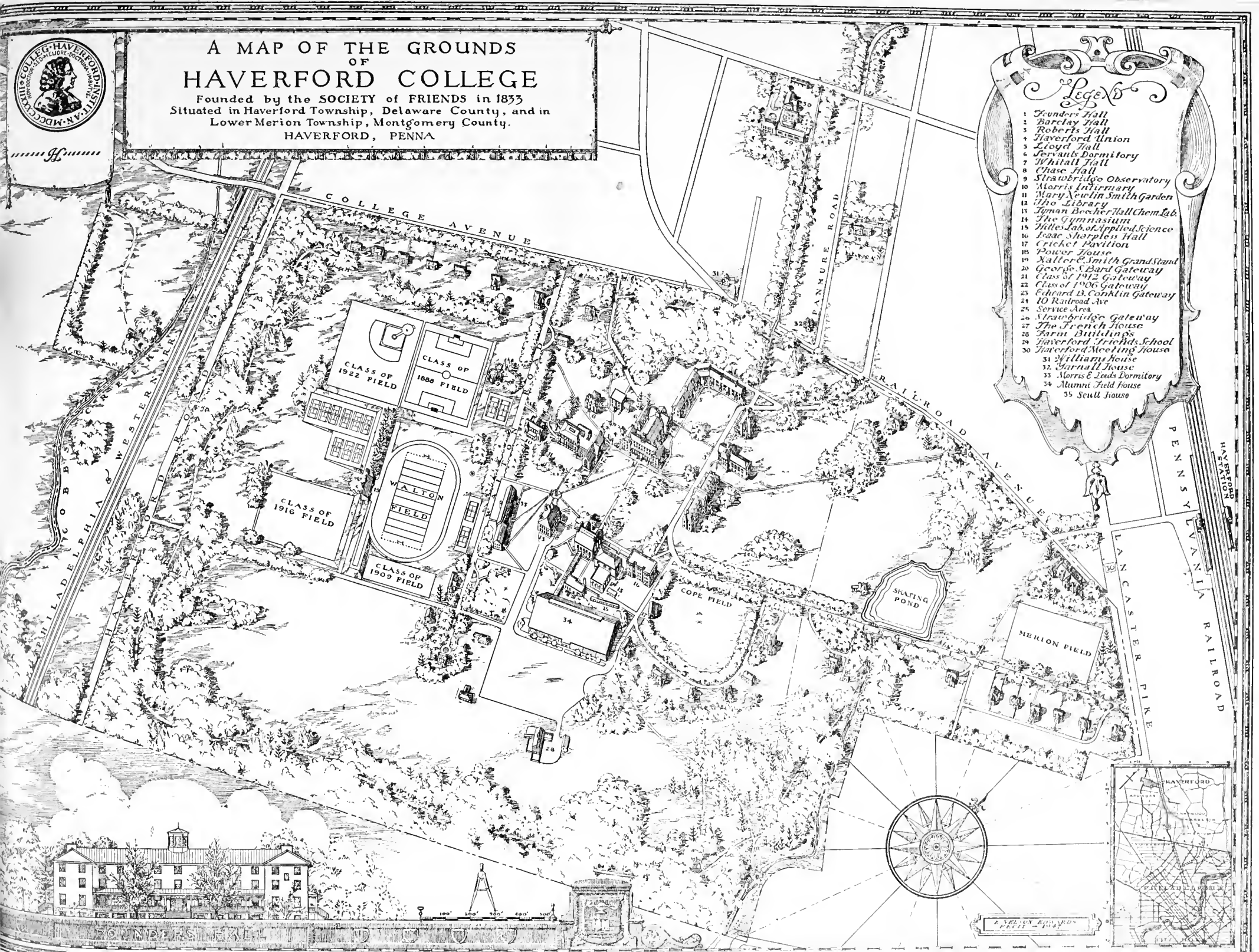




A MAP OF THE GROUNDS OF HAVERFORD COLLEGE

Founded by the SOCIETY of FRIENDS in 1833
Situated in Haverford Township, Delaware County, and in
Lower Merion Township, Montgomery County.
HAVERFORD, PENNA.

- ## Legend
- 1 Founders Hall
 - 2 Barclay Hall
 - 3 Roberts Hall
 - 4 Haverford Union
 - 5 Lloyd Hall
 - 6 Servants Dormitory
 - 7 Whitall Hall
 - 8 Chase Hall
 - 9 Strawbridge Observatory
 - 10 Morris Infirmary
 - 11 Mary Keelin Smith Garden
 - 12 The Library
 - 13 Lyman Beecher Hall Chem Lab
 - 14 The Gymnasium
 - 15 Hilles Lab. of Applied Science
 - 16 Isaac Sharpless Hall
 - 17 Cricket Pavilion
 - 18 Power House
 - 19 Walter Smith Grand Stand
 - 20 George S. Bard Gateway
 - 21 Class of 1912 Gateway
 - 22 Class of 1906 Gateway
 - 23 Edward B. Conklin Gateway
 - 24 Railroad Ave
 - 25 Service Area
 - 26 Strawbridge Gateway
 - 27 The French House
 - 28 Farm Buildings
 - 29 Haverford Friends School
 - 30 Haverford Meeting House
 - 31 Williams House
 - 32 Jernall House
 - 33 Morris & Judd Dormitory
 - 34 Alumni Field House
 - 35 Skull House



SCALE ON ABOVE MAP
FEET - 1914



HAVERFORD COLLEGE BULLETIN



THIS ISSUE CONTAINS THE
REPORT OF THE PRESIDENT
1957-1958

VOLUME LVII

NUMBER TWO

October, 1958



REPORT OF THE PRESIDENT

*presented at the
Annual Meeting of the Corporation
of Haverford College*

October 28, 1958

THIS DATE of the Annual Meeting of the Corporation has purposely been selected to coincide with the exact anniversary of the founding of Haverford School one hundred and twenty-five years ago. The various activities connected with this anniversary show in some measure our present concern that the College continue to devote itself to both the intellectual and spiritual problems which confront mankind. It is our hope that the various sessions of the anniversary will make at least some contribution to our general progress.

During the academic year 1957-58, it became increasingly apparent to your new president that his task was immeasurably lighter because of the guidance which Archibald MacIntosh had given to the College for the previous year and a half. Throughout all of last year his constant cooperation, advice and assistance was an ever-present source of strength.

THE INAUGURATION AND COMMENCEMENT

The main event of the year was the inauguration on October 19, 1957 of myself as eighth president. With the completion of the Alumni Field House, the College finally had for the first time a building where all its interested friends could gather to participate in a College function. Consequently, alumni, parents and an extensive number of friends attended the inauguration ceremonies. An audience of over five hundred persons assembled in the Field House on the evening of October 18th for the forum on "The Emerging Nations in the World Community" at which former United States Ambassador to the United Nations, Ernest A. Gross, and Dr. Fayez A. Sayegh, Counsellor of the Arab States Delegation Office, were the chief speakers.

On October 19th, the Board of Managers, and faculty of the college, together with delegates from one hundred seventy-one colleges, learned societies and secondary schools, made up the academic procession of the Inauguration. An audience of 2500 persons filled the auditorium section of the Alumni Field House. After my installation by Dr. S. Emlen Stokes, President of the Board, I was greatly pleased to confer, as my first official task as President of the College, the degree of Doctor of Laws upon Archibald MacIntosh for the loyal and unselfish service he has rendered to the college. This simple ceremony was followed by the Inaugural Address on "The Challenge of Today to Haverford College and Liberal Arts Colleges." An informal but delicious box luncheon was served to our guests. Thanks to the efficient and untiring help of Professor Howard Teaf as Chairman of the Inauguration Committee and Aldo Caselli, the Business Manager of the College, the whole affair went off smoothly and was thoroughly enjoyed by all in attendance.

After the Inauguration week-end, the college settled down to its normal activities with the attention of the President consciously concentrated on four general areas, 1) becoming acquainted with the various aspects of college life through attendance at most of the regular and ad hoc faculty and other committee meetings, 2) the selection of new faculty members to fill over a dozen vacancies, 3) the clarification of administration-faculty responsibilities for such things as faculty appointments and changes, and 4) the improvement of student morale and clarification of the administration's responsibilities for discipline.

At Commencement on June 6, 1958, the college awarded ninety-four degrees in course; eighty-five were Bachelor of Arts, eight Bachelor of Science and one Master of Arts. Two honorary degrees were also granted. A Bachelor of Science was given to Hugh E. Stone for his authoritative *Flora of Chester County*. A Doctor of Laws was bestowed upon Raymond Wilson in recognition of his service as Director of the Friends National Committee on Legislation in Washington and for his leadership and wisdom.

THE FACULTY

The past year has seen an unusually large number of changes in the composition of the faculty through deaths, retirements and resignations. It is with deep regret and a sense of personal loss, shared by many

on the campus, that I have to record the passing of two of our retired faculty members; Dr. Albert H. Wilson on September 22, 1958 and Alfred W. Haddleton on December 27, 1957. Professor Wilson had first come to Haverford College in 1910 and taught mathematics until 1939 when he retired. During seven more years, 1947-1954, he rendered valuable service to the College as a part-time teacher. Alfred W. Haddleton was appointed Track Coach in 1921 and Instructor in Athletics in 1929. He continued as coach until September 1957. It is a tribute to his ability and character that his appointment continued nine years after the normal retirement age. Both men, in their own quiet way and through their devotion to the College, its ideals and its students, left an indelible impression on all who worked under them. I consider myself fortunate to have been among that group. In their respective fields they attained an enviable reputation of which we can all be proud.

The College has also suffered a severe loss by the sudden death of two of its faculty members and the wife of a third. Dr. Richard M. Bernheimer, Professor of the History of Art, on joint appointment with Bryn Mawr, died suddenly on May 29, 1958 in Lisbon. He had been an enthusiastic and active member of the college for the past sixteen years. His passing is a heavy blow to both institutions. Dr. Charles E. Mayer, Assistant Professor of Psychology, passed away suddenly on September 29, 1958 at the age of thirty-three, after having taught at the college only a year. This is a severe loss particularly to the psychology department. A replacement will have to be found for the second semester. During the previous week, Phyllis Horn, the wife of Professor Robert L. Horn, who will assume his duties as Assistant Professor of Biblical Literature in February 1959, also died on the campus. Although she had lived at Haverford only a month, she had already made a deep impression on many of us.

Other changes on the faculty include several retirements and resignations. Professor L. Arnold Post, who had retired as Professor of Greek in 1956, continued to teach until the end of the academic year. Professor Martin Foss also gave up his teaching in philosophy in June. Alfred J. Swan, Professor of Music on joint appointment with Swarthmore since 1931, retired at the end of the year but continues to teach part time for another year. Five members of the faculty resigned to teach at other institutions or to pursue other work. These were H. Field

Haviland, Professor of Political Science, who came to the college in 1949 and for the past two years had been on leave at the Brookings Institution, to continue to work in Washington; Kenneth Woodroffe, Associate Professor of English, first appointed in 1950, to teach at Wilmington College, Wilmington, Ohio; Andrew Scott, Assistant Professor of Political Science from 1954-1958, to teach at the University of North Carolina; Steven Muller, Assistant Professor of Political Science, 1956-1958, to join the Graduate Faculty of Cornell University; and Joseph B. R. Miller, Jr., appointed Assistant Professor of Physical Education in 1956, to undertake graduate studies. Dr. George V. Coelho, Assistant Professor of Psychology, completed his two years' term of service in September.

In view of the number of vacancies these changes created on the faculty and of the importance to the college for the future of each of the selections for the positions available, it seemed justifiable for the faculty and administration to spend a large part of their time and effort in searching for the best persons we could find. As in the past, special faculty ad hoc committees were set up for each of the new appointments with the President as an ex officio member. Numerous candidates were interviewed and many of them delivered talks at the College before members of the student body, faculty and administration. The results of the careful screening by these committees are most gratifying.

Ten new full-time and four part-time persons have been added to the faculty for the coming year. Of the ten full-time professors, six have been appointed for two to three years to fill key positions. Persons of outstanding ability as scholars and teachers and with high ideals and a deep interest in a small College such as Haverford were found to fill each of these posts. All six of these men were our first choice. They are Paul Desjardins, from Yale University, to be Assistant Professor of Philosophy; Dr. Gerald Freund, a graduate of the class of 1952, Research Fellow of the Council on Foreign Relations, New York, to be Assistant Professor of Political Science; Dr. David K. Harrison from Brown University, as Assistant Professor of Mathematics; Robert L. Horn of Union Theological Seminary to become Assistant Professor of Biblical Literature in the second semester; Dr. George A. Kennedy from Harvard, as Assistant Professor of Greek; and Dr. Arnold Rogow, from Iowa State University and Yale, as Assistant Professor of Political Science.

The College was also fortunate in obtaining excellent persons to fill the four additional full-time positions as follows: John Coddington, from Swarthmore College, Lecturer in History for the academic year 1958-59; Juan Ferrate of Puerto Rico as Visiting Professor of Spanish as a replacement for Professor Asensio during his second-semester sabbatical leave of absence; Charles W. Ludington, from Amherst College, Assistant Professor of Music for Professor Reese during his sabbatical leave of absence during the entire academic year; and Paul D. Sheats, a Rhodes Scholar, Instructor in English.

The four part-time appointments are Dr. John A. Kelly and Joachim Maass in German, Mrs. Alex Pearce in Russian and Mrs. Doris S. Quinn in English. Bryn Mawr College has kindly released Professor James W. Fowle to teach the art course formerly given by Professor Bernheimer. Anne Ramsay Somers was appointed Research Associate in Political Science.

During the current year, five professors will be absent on sabbatical leave, Professors Gerhard Friedrich, William Reese and William Reitzel for the entire academic year, and Manuel Asensio and Clayton Holmes for the second semester. Professor Hunter has received a Guggenheim Fellowship and will be on leave without pay for a year, beginning February 1959.

Despite this unusually large number of changes, the College does not seem to have suffered seriously by them. In fact, the addition of so many new people to our faculty, almost all of them energetic young persons who have undertaken their assignments with enthusiasm, has added a new life and dimension to the College. They are already contributing their share to our re-vitalization.

The faculty have continued to be active in research, publication and lecturing as illustrated by the list appended to this report. Noteworthy among their publications is Holland Hunter's *Soviet Transportation Policy*. The Board's grant of \$10,000 for faculty research, which was supplemented by special gifts of over \$5,000, has done much to encourage the faculty in their own studies. Nearly thirty persons received assistance from this fund during the past year for a total of \$11,000. Of the balance of approximately \$4,000, over one-third has already been allocated for the current year.

ADMINISTRATION

After many long years of arduous service without an extended break, Archibald MacIntosh was granted a leave of absence for the first semester of this year. An exceedingly important and helpful addition to the College administration was made on January 1, 1958 with the appointment of Walter C. Baker as Vice President for Development. A graduate of the college in 1932, formerly a Trust Officer of the Girard Trust Corn Exchange Bank, by his temperament, background, experience and a deep faith in the College, he has already added great strength to the administration and has been of immense assistance to the College and to me personally. Dean William E. Cadbury returned from his leave of absence during the summer and resumed his duties, which had been nobly carried on by John A. Lester, Jr. last spring. William Docherty has agreed to continue to act as Freshman Adviser and to assist Dean Cadbury when necessary during Archibald MacIntosh's absence. Finally, Mrs. Miriam R. Nugent has been appointed Director of the Office of Food and Housing and continues to be an invaluable member of the College staff.

THE ACADEMIC COUNCIL

As already indicated, I devoted considerable attention during the past year to the relationship of the faculty and the administration. One of the most vital problems in this connection was the role the faculty should play in matters of appointment of new faculty members, re-appointments and promotions. Heretofore, special faculty committees had been appointed for all such recommendations to advise the President on recommendations he should make to the Board. During the past year, these committees were used only for new appointments; other faculty changes were discussed at length with department chairmen and in the Academic Council composed of the President, Vice President MacIntosh, the Dean, and three faculty members representing each of the divisions of Humanities, Social Sciences and Natural Sciences.

While this procedure was satisfactory as an interim measure, it had certain weaknesses. Consequently, new terms of reference were drawn up for the Academic Council which enlarged both its scope, its responsibility and the faculty representation on it. It now consists of the President as chairman, three elected divisional representatives of the faculty, the two faculty representatives to the Board, Vice President

MacIntosh and the Dean, as Secretary. Its chief functions are to consider matters of policy referred to it by the President or its members, to appoint the standing committees of the faculty and to make recommendations to the President on faculty appointments and changes. New procedures were established for the consideration of faculty appointments which eliminate many of the ad hoc committees and place a more direct responsibility on the department chairman and the Council to arrive at recommendations to be made to the President. On the basis of the meetings which the new Council has already held, it is clear that it will play an important part in the educational life of the College.

STUDENTS

Another area which needed prompt attention was that of student behavior and morale and the College's role in enforcing discipline. As a result of a series of circumstances, the student body showed an unusual amount of restlessness, a phenomenon not restricted to our campus alone. At times, a few students had to be disciplined for their heedless acts. We were, however, more interested in the general problems, rather than the specific. Consequently, a special committee composed of members of the administration, the faculty and the student body began a complete re-examination of the whole range of problems of student activity. The committee sought to re-establish a policy consistent with high principles of the Honor System. It also had as one of its main objectives the placing in their proper perspective of such specific items as charges to individual students for damages to property, fines for infringements of Library, automobile and other regulations, and disciplinary action by the college administration for unsatisfactory behavior.

After a free exchange of ideas among the groups represented, the committee developed what it termed a "Code of Student Responsibility" which was adopted by the administration, explained to the students and put into effect last spring. Its emphasis was positive, and presented a statement of desirable conduct. It also established procedures for disciplinary action, when such is necessary, under the direction of Vice President MacIntosh and the Dean. It is gratifying to be able to report to you that there has been a noticeable improvement in student morale, attitude and sense of responsibility this fall. The committee will continue to consider problems which may be presented to it.

The College opened with an enrollment of 453 undergraduates including an entering class of 120. These numbers are in keeping with the policy established several years ago of limiting our enrollment to 450. The application list for the freshman class was 27% larger than the list for the preceding year. Not only were there more candidates, but their credentials were of higher caliber and they represented a wider geographical area. Undoubtedly, the *Chicago Tribune* article and its subsequent reprints, which listed Haverford first among the men's colleges, had an effect upon the list; most of the candidates mentioned the article as one of their reasons for considering Haverford. However, there are indications that the article was not the only factor responsible for the increase and that there is a growing interest in the College for other reasons.

Admission was granted to one of every four candidates who submitted complete credentials. Competition of this order is a preview of the pressure that we may expect in the next decade. Although we will not feel the effect of the post-war population bulge until 1963 or 1964, it is apparent that we must soon face the problems that the bulge will present in relation to the size of the College.

ACADEMIC PROGRAM

There were no significant changes in the Academic Program during the past year. This is not to say, however, that the Curriculum and Academic Standing committees did not consider such basic questions as general and specific changes in the curriculum, and course requirements for graduation. On all of these problems, as well as many others which have a direct bearing on the academic standards of the College, thorough and thoughtful discussions are continuing.

The faculty did agree, however, to reverse their former decision which did not require a specific minimum passing grade for any single course. Each student is now required to pass five courses for each of two semesters with a grade of at least 60 for the Freshman year, 65 for the Sophomore year, and 70 for the Junior and Senior years. The new regulations should avoid much of the ambiguity and confusion which resulted from the old system which had no specific passing average.

The College was again enriched by an impressive list of twenty-four distinguished scientists and statesmen brought to the campus for vary-

ing lengths of time under the Philips Fund. To mention only a few, Justice William O. Douglas of the United States Supreme Court, Nobel Prize winners, Dr. Linus Pauling of California Institute of Technology, and Dr. Joshua Lederburg, of the University of Wisconsin, Dr. Mark Kac of Cornell University and Vice President Sarvepalli Radhakrishnan of India were among those who made outstanding impacts on the campus.

The Strawbridge Observatory continues to be a center of interest both for the College and the community. Its director, Professor Louis Green, with his special interest in astrophysics, has been most generous of his time and knowledge in explaining to the students, faculty and friends of the College the theoretical and practical significance of man-made satellites. On several occasions, he pointed out these satellites to interested observers at all hours of the night. A total of two hundred nineteen visitors came to the Observatory during the twelve nights it was opened especially for the public.

PLANT, BUILDING AND GROUNDS

The Alumni Field House has proved to be of even greater benefit to the general physical education program of the College than was expected. It was in constant use throughout the year. On Alumni Day, its seven-lap track which encircles the floor and earthen play area, was dedicated as the Alfred William Haddleton Track. In its first year, as many of our Alumni and friends have learned from their own personal satisfaction, *the Fieldhouse* has also proven to be a most satisfactory auditorium and banquet hall.

Most of the year's improvements in our buildings and grounds are not readily visible, but are nonetheless extensive. These include a complete renovation of Chase Hall, including a new roof; a rearrangement in the central area of the Library to increase shelf space and the efficiency of the Circulation Desk; and extensive modernizing of the bathrooms and hallways in Barclay Hall as well as the conversion of three bedrooms into an attractive and much-needed lounge in the center entry.

To assist the College and the Property Committee in technical matters and in planning for maintenance and development, we have obtained the services of Louis T. Klauder and Associates as consulting engineers. We have already found their advice to be most helpful.

The preservation of our beautiful campus, particularly our majestic trees, has continued to be one of our constant concerns. Thanks to the time and effort which has already been spent in keeping our trees in the best possible condition within the limits of the funds available, we suffered a minimum of damage from the severe snowstorm in mid-March. Several of the evergreens were lost but new plantings will be made, and none of the key trees within the central quadrangle was injured. The Dutch elm disease, which devastated many of our trees over the past few years, is now well under control and orders have been placed for oaks to replace the trees which had to be removed. In closing this section of my report, I should like to pay tribute to the interest and generosity of Edward Woolman which have helped us greatly in our continuing program of preserving the beauty of our campus.

ANNUAL GIVING

Under the leadership of Arthur R. Kane, Jr., '36, the second complete Annual Giving drive showed encouraging gains over its predecessor and surpassed its goal of \$90,000. There were 1949 donors, an increase of 250 over the previous year, and the amount contributed was \$8,500 higher. Nearly 400 donors increased the size of their contributions. The various categories of non-Alumni friends of the college, including the parents, showed marked increases in amounts given. Alumni participation rose from 46% to 52%. In celebration of its 25th reunion, the Class of 1933 made gifts to the college totalling \$11,312. By a happy coincidence, the funds allocated to increase faculty salaries this year approximately equalled the contributions of the Alumni. As operational costs have gone up, this "living endowment" has been most helpful in allowing us to meet our requirements and to plan for the coming year.

As for the future, we hope that Annual Giving can play an increasingly important part in Haverford's life. Including gifts for all current purposes, the College received last year a total amount of \$137,376. In its plans for the coming year the Annual Giving Committee has set a goal of \$150,000. This includes a goal of \$70,000 from Alumni and \$14,000 from parents, an increase of less than ten per cent for each over last year. We anticipate that the remainder will come from corporations, foundations and other friends. It is with deep gratitude that we continue to receive this support. We hope that those who contribute to Annual Giving have a sense of active participation in an exciting and worthwhile venture.

SUMMARY

In concluding this report of the College during the first year of my administration, I am of mixed feelings. I am convinced that we have made progress in several areas; I realize that much needs to be done in numerous directions simultaneously. I am hopeful, however, that with careful planning and continued effort we will be able to solve some of the most immediate problems.

As a result of my conscious effort last year to become familiar with all the College's activities, I have been greatly impressed with what I learned. The extent of the quality, devotion and unselfish industry of the faculty is difficult to convey to others. It has to be lived with to be fully appreciated. The faculty has also shown an unusual amount of patience and willingness to work out with the new President more effective means of cooperation between themselves and the administration. While there were more students than we wished who did not complete their work successfully, on the whole they showed by their academic records a high level of scholarship. During the first month of the new semester, there has been a marked and heartening improvement in student morale on all fronts and in the seriousness with which they are taking their studies.

On the other hand, there is still much that must be done in order to raise Haverford College to the level for which we hope and work and pray. Despite the strain which an inflationary economy places on our finances, we must improve our physical plant and consider seriously constructing some new buildings such as a dormitory and science building. We must also analyze the most effective use of the various resources, physical as well as human, at our disposal. If we are to maintain our academic standing, we have no alternative but to make marked increases in our faculty and staff salaries. We must conduct a basic analysis of our educational policies to determine what changes are necessary to meet the demands placed upon the small liberal arts college by the great technological upheaval that confronts our civilization. We must never falter in our responsibilities to hold fast to our Quaker ideals.

It is exciting and challenging to be so intimately connected with a college such as this. With support and interest such as we have received in the past year, I am confident that its successful future is assured.

HUGH BORTON

ELEVEN]

STATISTICS FOR REPORT OF THE PRESIDENT 1957-1958

ENROLLMENT

Fall Semester, 1954	472
Spring Semester, 1955	451
Fall Semester, 1955	465
Spring Semester, 1956	456
Fall Semester, 1956	458
Spring Semester, 1957	441
Fall Semester, 1957	455
Spring Semester, 1958	458
Fall Semester, 1958	458*
*Undergraduate Students	453
* Special Students	5

COMPOSITION OF THE STUDENT BODY, FALL SEMESTER, 1958

The student body represents 33 states. The following foreign countries are represented: Argentina, China, Cuba, France, Germany, Guatemala, Holland, Hungary, Japan, Liberia, Netherlands, Antilles and Switzerland.

Students who are members of the Society of Friends number 48, or 10 percent of the total enrollment.

REGISTRATION IN ACADEMIC COURSES

Department	Registration*								
	1958	1957	1956	1955	1954	1953	1952	1951	1950
Astronomy	43	32	36	26	41	41	48	26	23
Biblical Literature .	78	41	62	42	40	35	39	38	42

*Statistics show the course registrations for the Fall Semester of each year.

REGISTRATION IN ACADEMIC COURSES

<i>Department</i>	<i>Registration*</i>								
	1958	1957	1956	1955	1954	1953	1952	1951	1950
Biology	133	117	156	141	95	42	35	54	36
Chemistry	135	149	185	184	199	206	190	169	177
Economics	148	112	122	123	140	132	76	153	139
Engineering	24	33	23	31	24	32	33	34	37
English	331	341	302	303	323	312	364	367	411
French	113	126	127	128	119	106	102	91	94
German	109	105	90	87	91	108	118	113	96
Greek	27	15	14	23	22	14	27	44	31
History	157	136	121	99	106	110	117	115	137
History of Art	26	31	25	36	39	38	30	26	15
Latin	15	29	37	18	20	13	11	8	5
Mathematics	178	164	154	153	135	177	151	177	152
Music	56	31	26	15	22	16	19	12	19
Philosophy	159	131	148	174	183	184	171	177	218
Physics	109	94	74	97	80	68	83	51	77
Political Science ..	126	197	128	138	146	130	179	159	138
Psychology	26	111	84	102	92	123	108	118	137
Russian	28	8	6	7	8	12	16	14	6
Sociology	160	110	55	65	69	77	51	66	49
Spanish	38	41	54	50	48	51	54	54	58
<i>General Courses</i>									
Humanities	72	78	102	93	91	47	61	70	80
Physical Science ..	6	8							
Social Science			125	126	132	141	146	122	149

*Statistics show the course registrations for the Fall Semester of each year.

HAVERFORD STUDENTS AT BRYN MAWR

Economics	2
English	1
French	1
Geology	6
History	1
History of Art	1
Italian	2
Music	4
Physics	1
Philosophy	2
Political Science	1

SWARTHMORE COLLEGE

Music	1
-------------	---

DEGREES GRANTED, JUNE 6, 1958

B.A.	85
B.S.	8
M.A.	1

COLLEGE VISITORS

1957-1958

Collection Speakers

- Mary A. Benjamin, Walter R. Benjamin Autographs
Richard Bernheimer, Professor of History of Art, Haverford College
*Jerome S. Bruner, Professor of Psychology, Harvard University
William Henry Chamberlin, Correspondent, *Wall Street Journal*
John Ciardi, Poetry Editor, *Saturday Review*
Harold E. Clurman, Broadway Director and Producer
Thomas Colgan, Field Worker in Interracial Problems
Arthur Daley, Sports Editor, *The New York Times*
Heinrich Fleischer, organist
Louis C. Green, Professor of Astronomy, Haverford College
Holland Hunter, Associate Professor of Economics, Haverford College
Agi Jambor, pianist
Joseph E. Johnson, President, Carnegie Endowment for International Peace
Walt Kelly, creator of Pogo
*Philip Mosely, Director of Research, the Council on Foreign Relations
Nathaniel Peffer, Professor of International Relations, Columbia University
Raymond P. Powell, Assistant Professor of Economics, Yale University
*Harry B. Price, Economic Adviser to the King of Nepal
Victor Riesel, columnist
Soichi Saito, The Japan International Christian University
Louis W. Schneider, American Friends Service Committee
Jean Shepherd, originator of WOR program "Night People"
Michael Stettler, curator, Berne Historical Museum
**Andre Trocme, International Fellowship of Reconciliation
*Geoffrey Wilson, Under Secretary, United Kingdom Treasury

Departmental and General Visitors

- *Ross Beaumont, Professor of Mathematics, University of Washington
*David M. Bonner, Professor of Microbiology, Yale University
*Nirmal K. Bose, Professor of Anthropology, University of Calcutta
*Jerome S. Bruner, Professor of Psychology, Harvard University
*Gordon Clapp, former Director of the Tennessee Valley Authority
Robert Donnahoo, Director, Philadelphia Regional Office, Federal Mediation & Conciliation Service
*William O. Douglas, Associate Justice, United States Supreme Court

- William Ebenstein, Professor of Politics, Princeton University
 Dorothy Emmet, Professor of Philosophy, Manchester University, England
 Heinrich Fleischer, University organist, University of Chicago
- *James Fulton, United States Representative from Pennsylvania
 - Charles E. Gilbert, Ass't. Professor of Political Science, Swarthmore College
 - *Ernest A. Gross, former United States Ambassador to the United Nations
 - *Paul Halmos, Professor of Mathematics, University of Chicago
 - Earl Hanson, U. S. Department of State, Puerto Rico
 - *Clyde A. Hutchison, Jr., Professor of Chemistry, University of Chicago
 - *Mark Kac, Professor of Mathematics, Cornell University
 - Boutros Khouri, Ras-el-Metn, Lebanon
 - *Arthur Kornberg, Professor of Microbiology, Washington University School of Medicine
 - *Joshua Lederberg, Professor of Genetics, University of Wisconsin
 - William M. Lee ('46), Ass't. Treasurer, First Pennsylvania Banking & Trust Co.
 - Harry Levin, Professor of English, Harvard University
 - *S. E. Luria, Professor of Bacteriology, University of Illinois
 - *David C. McClelland, Professor of Psychology, Harvard University
 - Arthur McDowell, Upholstery Workers International Union
 - Paul Mederow, German Actor, Berlin
 - *Philip E. Mosely, Director of Research the Council on Foreign Relations
 - Eugene Overstreet, Ass't. Professor of Political Science, Swarthmore College
 - *Linus C. Pauling, Professor of Chemistry, California Institute of Technology
 - George W. Pierson, Professor, and Chairman of the History Department, Yale University
 - *Sarvepalli Radhakrishnan, Vice-President of India
 - *Fayez Sayegh, Deputy Director, Arab States Delegates at the United Nations
 - David Smith, Ass't. Professor of Political Science, Swarthmore College
 - Edward D. Snyder, Professor Emeritus, Haverford College
 - Newton Phelps Stallknecht, Professor of Philosophy and Head of the Department, University of Indiana
 - *Roger Y. Stanier, Professor of Bacteriology, University of California
 - *Eliot Stellar, Associate Professor of Physiological Psychology, University of Pennsylvania Medical School
 - *Robert M. Thrall, Professor of Mathematics, University of Michigan
 - Louis Toepfer, Secretary, Harvard Law School
 - *Frank H. Westheimer, Professor of Chemistry, Harvard University
 - Philip Wheelwright, Visiting Professor of Philosophy, Smith College
 - Jan Wieckowski, Ass't. Treasurer, Girard Trust Corn Exchange Bank
 - *Geoffrey M. Wilson, Under Secretary, United Kingdom Treasury
 - *Philips Visitor
 - **Tilney Fund Lecturer

REPORT OF THE VICE PRESIDENT FOR DEVELOPMENT

In the past year, progress has been made in public relations, enlisting support for the College and planning for its future, the three areas for which the Development Office is responsible.

Public Relations: In addition to continuation of long-standing programs of direct mail announcement of campus events and news releases to metropolitan and students' home town papers, intensified efforts have been made to interpret Haverford's program to its alumni.

The Development Office has had an active part in planning the 125th Anniversary celebration at the College. The office has cooperated with the officers of the Alumni Association and local alumni groups in working out programs for meetings on the campus and in other cities. The Vice President for Development has derived great benefit from numerous interviews with alumni in the Philadelphia area and from visits to graduates in Baltimore, Boston, New York, Washington and Wilmington.

It is our belief that Haverford, as a leading liberal arts college, has an obligation to inform its friends and the public generally as to its program. To discharge this obligation effectively, we will always welcome helpful comments from those who have a concern for the College.

Enlisting Support: The President's Report gives details on the encouraging progress of Annual Giving in the past year and refers to the generosity of other donors which brought the total contributed for current use of the College in that period to \$137,376.

The Development Office is considering possible new methods of helping Haverford and seeking additional sources. It is also assembling information as to the fields of interest of foundations and corporations concerned with higher education so that particular activities at the College in which they might wish to participate may be brought to their attention.

Planning: A start has been made in assembling data for use in planning Haverford's future and in selecting the areas in which the needs are most immediate. It seems clear that, after continued increase

of faculty salaries, high priorities must be given to modern laboratories and other facilities for the natural science departments, increased resources for library operation and purchases, relief of overcrowded conditions in certain dormitories, more faculty offices, and a 150-200 seat lecture hall.

Studies have been made as to (1) the relative importance of these and other needs, (2) the effects of these or other developments on the overall College program, and (3) various methods of financing these requirements. Further information on these points will be assembled for consideration by the Resources and Development Committee of the Board of Managers.

In closing it is a pleasure to acknowledge the continuing value of work done in the past by Lester C. Haworth and Frederick C. Sharpless, '00 in enlisting support for Haverford and by Louise Oakley in establishing the information office. The appreciation of the Haverford community is also due to Charles Perry, '36, Patricia MacKinnon, and the secretarial staff who have carried on this work with ability and devotion.

WALTER C. BAKER

REPORT OF THE LIBRARIAN

1957-1958

1957-58 in the Haverford Library seems to have been marked most of all by "busy-ness," and yet in retrospect now there appears to have been some method in the flurry of activity, and some substantial gains achieved. The sense of busy-ness comes largely from the Librarian's having been distracted as Acting Dean during the second semester of the past year; the actuality of the gains achieved is owing partly to the "Statement of Long-Range Objectives" drawn up in 1956, which has greatly clarified our goals, and primarily to the thoughtful and purposeful administration of the Assistant Librarians, Ruth Reese and Esther Ralph. The purpose of this report on the past year's work in the Library is obviously one of delineating the frontier of our achievement, what has been accomplished in 1957-58 and what is visibly to be tackled in the immediate future.

INTERLIBRARY COOPERATION

Perhaps in the long run the greatest step forward in 1957-58 will be seen to have been the meeting of the Philadelphia Chapter of the Association of College and Research Libraries held in our Library on May 10th. The theme of that meeting was "Interlibrary coöperation in the Philadelphia area," and its resolve was to set in motion positive action to achieve greater coöperation among our scores of Philadelphia libraries than we have achieved in the past. As a result of that May meeting the ACRL now has two committees at work, one toward a revision of our local code governing interlibrary loans, the other devising a program for coöperative control of major acquisitions and discards. For the work of the second committee Lehigh University has donated an office and staff service for the current first year of the committee's work. From this office queries will be sent to find which of our libraries plan to purchase each new major research publication; each of our libraries will promptly receive news of the replies. If the University of Pennsylvania plans to buy a major work which Haverford would use only briefly and occasionally, we would presumably not buy it but would, by agreement, put a Penn location-card for the work in our card catalogue. Should Haverford purchase a major resource in political science, such as, let us say, our full subscription to United Nations

publications, other libraries will note that acquisition in their card catalogues, and will understand clearly the terms under which they may consult our collection.

The pathway toward full, effective coöperation between our libraries will be rocky and forbidding at times, fraught with the dragons of apathy, inertia, and isolationist pride of possession. Yet one can say positively that twenty years from now Philadelphia library resources and services will have become irreparably stultified if they have not learned to breathe and grow in the light and spirit of a common goal. If they do learn this lesson, and do make the essential transition from thinking in 150 competitive and isolated alleys to thinking also of the enrichment and common strength of our Philadelphia library resources as a whole, it may prove to have been the Haverford ACRL meeting of May 10, 1958, that set us on the forward path.

PHYSICAL PLANT

In the aspect of our Library itself, the most dramatic and visible change has been the relocation of the Circulation Desk in the main section of the building. The alteration was effected in the summer of 1958; it brings the Circulation and Reserve Book Room Desks into one unit, and at the same time adds substantially to our book-shelf space in the literature and fiction areas. The change provides a gentle jolt to those of us who have known the bookish passageways as Allen Thomas designed them in 1902; John Mistletoe *redivivus* would not know where he was. But the long shelves harmonize well with the roof-tree, and given five decades they may even develop a charm of their own. Meanwhile, in the hard technics of librarianship, we have already felt the benefits we looked for in this change as it was proposed in the "Statement of Long-Range Objectives": (1) It gives us opportunity for more unified and economical administration of both desks; (2) the immediate access of the unified desks to the Reference Room increases the attendant's ability to give prompt reference help; and (3) the view of the card catalogue enables us to see and help the reader who may seem lost among the 200,000 volumes and more of our Library.

Other developments in the Library's physical plant in 1957-58 are not so immediately striking to the eye. The skylights have been removed from the roofs of the South Wing and main area, relieving the French

and German literature sections at last from what become an annual and apparently incurable sousing. It is most gratifying to have this problem solved, and to find that the roofing helps also to solve a second problem, of intense heat in the main library in summer time. No one familiar with maintenance problems and maintenance costs will be under the illusion that such improvements as these are made easily. We are deeply grateful for the care and expense which the College has gone to in making them.

COLLECTIONS

For the book-collections too the past year has been one of continued development. Some indication of this is given in the statistics appended to this report. An annual grant from the John Anson Kittredge Educational Fund has greatly enriched our acquisitions in foreign policy and diplomatic history; other gifts of funds have strengthened our collections in history and general literature; and we were able to acquire, on general Library funds, one of the three existing files of Christopher Morley's "Bowling Green" column in the *New York Evening Post*.

Simultaneously good headway has been made with a program of weeding our collections and discarding outdated materials no longer needed in our Library. The departments of Physics, Biology, Chemistry, History, and Astronomy have led the way in rejuvenating their collections in the past two years. Similar surveys have been made of our collections of maps and Government Documents, and unneeded materials have been given to other libraries. It may seem a perverse form of librarianship to take pointed note of such weeding as sign of progress in building our collections; yet it certainly does constitute a step forward, not only in releasing space and funds for more vital books but also in enlivening the whole world of learning in which the library reader moves. After what has been said at the start of this report, it need hardly be added that all our proposals for discard have been checked first with the Union Library Catalogue in Philadelphia; if books about to be discarded proved unique and valuable to this area, they have not been disposed of.

A program of rebinding has been accelerated, especially with regard to the Haverfordiana collection; major moves of book-collections have been effected, so that now our collections have room for steady

growth for some years to come; an inventory of the Astronomy Library has been completed; the first venture has been made toward supervising phonograph records and players in the Library; and a large backlog of Quaker cataloguing which has plagued us for over a decade has at last been removed.

One could wish that book-collections selected and recorded and pruned and maintained with such energy and planning were treated with greater respect by the undergraduate student body. Yet the disciplinary problem is still a very real one; books disappear unsigned-for at a saddening rate. Further and more stringent measures than in the past will shortly be taken to cope with the situation, and the faculty Library Committee is devoting persistent efforts toward raising the student sense of responsibility in the use of the Library. These things give hope that next year's report may record some progress toward a solution of the problem.

STAFF

On the Library staff the most notable development of 1957-58 has been the creation of the Haverford Fellowship in Library Science, authorized by the State Department as Exchange-Visitor Program No. P-I-65. Under this program we are authorized to bring to our staff each year a librarian from abroad, both to learn the ways and means of college librarianship in America and to bring to us the stimulus of a different cultural orientation toward library service. The first appointment on this Fellowship is Miss Carla M. Craik, of London, who brings to her work a rich and varied background in specialized libraries in England.

On the deficit side, the past year brought the retirement of Miss Anna B. Hewitt, our senior staff member, after thirty-two years of devoted service to the College as Assistant Curator of the Quaker Collection. Her wisdom and long experience in Quaker bibliography and her friendly guidance to scholars visiting our Quaker Collection will be sorely missed.

Simultaneously with Miss Hewitt's retirement at the end of the year came the resignations, for various domestic and personal reasons, of Miss Lee Cotterill, Mrs. June Robbins, and Mrs. Martha Schellenger. Lest it appear that the staff-room may have become sparsely populated,

be it recorded that, thanks to the generosity of the Thomas H. and Mary Shoemaker Fund, Mrs. Evelyn Lyons, Mrs. Virginia Martinson, Mrs. Joan McKee, Mrs. Anne Snow, and Miss Carole Stein were engaged in Quaker back-cataloguing for many weeks during the year. Their work fulfilled an obligation of long standing to the Shoemaker Fund and virtually completed the cataloguing of a back-log of Quaker materials which has been awaiting analysis for over a decade. On other funds Miss Irina Hasse, Miss Gail Kingham, and Miss Kathy Williams were of help in carrying out various summer projects. As we start the new academic year, we have Mrs. Mae E. Craig in her new office as Assistant Curator of the Quaker Collection, Mrs. Jean Holst as Periodicals Librarian, Miss Elizabeth Dana at the Reserve Book Room, and Miss Ann Pedersen as Secretarial Assistant.

Once again our work has been immeasurably lightened by the continuing assistance and friendship of Charles N. Welsh, '51, who has given the Library another year of conscientious service as research assistant and bibliographical sleuth.

GIFTS

It is our pleasure to record, so far as space permits, some of the many gifts which have come to us in the past year. The spirit of thoughtful generosity so amply demonstrated in the following selected list is our most abiding resource in the continuing development of the Library.

From John L. Blackman, Jr., 18 volumes in general literature.

From Mary Evans Bethel, Margaret Cooper Brinton, and Henry C. Evans, '26, an extensive collection of 214 volumes of rare Western Americana and Quakeriana from the library of their Father, Charles Evans, of Riverton, New Jersey.

From H. Tatnall Brown, Jr., '23, numerous autograph letters and many pamphlets of the Newcomen Society.

From Prof. Robert Butman, a handsome and rare edition of Caroline Fox's *Memories of Old Friends* (1882).

From Robert C. Clothier, many pamphlets and miscellaneous volumes.

From Miss Margaret Conklin, substantial financial help in support of the Haverfordiana Collection.

From Mrs. H. S. Goodwin, 63 volumes in religion and Quakeriana.

From Hanford Henderson, '40, a handsome 18th-century edition of Lemprière's *Classical Dictionary*.

From Harrison S. Hires, '10, the Trianon Press facsimile of William Blake's *Songs of Innocence and Experience* (1955).

From Prof. John A. Kelly, 17 volumes of German and American literature.

From Bernard M. Hollander, '37, a sum for purchase of books in memory of Edward L. Hawkins, '37.

From Philip L. Leidy, '16, many volumes of current and general interest.

From Charles S. Mack, '57, six books in political science.

From Edward D. Miner, '21, 78 volumes, first editions of Rufus M. Jones and Christopher Morley.

From J. Paul Morris, Jr., '45, a gift of funds for the purchase of books in history.

From William Reitzel, '22, 12 books of French literature.

From Craig M. Snader, '22, 115 volumes mainly in the field of economics.

From C. K. Steins, many excellent volumes of and relating to the Civil War period.

From John Joseph Stoudt, '33, many Lutheran and Mennonite hymnals, and two deeds relating to lands once possessed by ancestors of President Eisenhower.

From Charles N. Welsh, '51, a full year of invaluable service as research assistant to the Library staff cataloguers.

From Mrs. Allison Wesley, a continuing series of new and timely books, in memory of Sarah and Francis Pawling.

From Richard W. Wood, Jr., '53, and other interested Friends, a collection of books on man and nature, in memory of Howard G. Taylor, III.

From Mr. Stacy Wood, a continuing donation of back-issues of *Life* magazine.

From Wyeth Laboratories, a welcome contribution to Library book funds.

From Mr. and Mrs. John H. Zebley, Jr., a collection of numerous back-issues of learned and popular journals.

To this list may be added grateful recognition of the class gift of last year's graduating class, which takes the form of the Class of 1958 Gift for the purchase of books and periodicals. It is a helpful fund now and, through annual donations, promises continued sustenance in the future.

To the Library Associates we are grateful for another year of their friendship and assistance. Their gifts of current literature do much to maintain the timeliness of our collections, and their occasional meetings in the Treasure Room are a source of lively literary interest to our community of readers.

Before us we have still our dreams—very specific dreams, some of them: increased funds for departmental book-purchase, foundation of a Poetry and Music Room, electrification of the two book-lifts, air-conditioning of the staff-office, purchase of an atlas-cabinet and added technical machinery for staff operations. Our Library as it stands is the composite work of dreamers before us — Allen Thomas at his desk in Alumni Hall, Dean Lockwood in his gothic haunt overlooking the Library garden. It is well that we keep our dreams alive, and see them clearly, as we move on our course each year.

JOHN A. LESTER, JR.

STATISTICS FOR REPORT OF THE LIBRARIAN

1957-1958

Growth of Collections

Total number of volumes (as of August 31, 1958)	210,856
Number of volumes added in 1957-58:	
By purchase	2,684
By gift	910
Government Depository	171
Number of books discarded	386

Circulation

Faculty and staff borrowings	3,441
Students	11,393
Outside borrowers	4,626
Total	19,460
Books charged out to carrels	683
Total	20,145

Reserve Book Room

Books put on reserve	1,584
Reserve book circulation:	
Library use	12,203
Overnight	2,920
3-day, 2-week	250
Total	15,373

Interlibrary Loan

Borrowed	370
Loaned	746

[TWENTY-SIX

REPORT OF THE CURATOR OF THE QUAKER COLLECTION

1957-1958

The extensive program of cataloguing Quaker manuscripts and printed materials, which has had the generous support of the Thomas H. and Mary Williams Shoemaker Fund, went forward with great vigor during the past year. Special cataloguers employed with the help of the Fund finished a backlog of Quaker manuscripts and worked through a large accumulation of nineteenth and twentieth century pamphlets. Normal activities went on as usual, as will be seen by the statistics appended to this Report, but this major cataloguing effort occupied much of the time of the regular and part-time staff.

The Assistant Curator, Anna B. Hewitt, had charge of the Treasure Room during the absence of the Curator. Then in June, 1958, Miss Hewitt retired, after thirty-two years of service to Haverford, to the Quaker Collection, and to Friends Historical Association. We greatly regret the loss of her expert knowledge and skills, but we are fortunate in having Mrs. Mae E. Craig to be her successor.

The Curator served as President of Friends Historical Society in England for 1958, one of eight Americans to enjoy that privilege. In September he gave the Presidential Address at a meeting in Friends House, London, which appears as Supplement No. 28 to the *Journal of the Friends' Historical Society*, entitled, "Patterns of Influence in Anglo-American Quakerism."

Among the new Quaker publications of 1958, we are particularly glad to welcome to the shelves of the Quaker Collection Elizabeth Vining's *Friend of Life*. Elizabeth Vining spent many months at Haverford distilling material for this biography from the Rufus Jones Papers, and we rejoice with her now in the appearance of the book.

GIFTS AND PURCHASES

Among recent gifts and purchases the following deserve special mention here:

TWENTY-SEVEN]

For the Quaker Collection

From C. Wilfred Conard, Westtown, three letters of twentieth-century Friends.

From William Bacon Evans, Haverford, nine Quaker pamphlets relating to the Philadelphia Separation of 1827-28, together with a letter and a fragment of the manuscript Journal of William Evans (1787-1867), dealing with the Separation in Philadelphia and with the second Separation in Ohio in 1854.

From Mrs. Bliss Forbush, Baltimore, reproductions of two Quaker paintings by Charles Yardley Turner.

From Allen S. Joslyn, Ardmore, four Quaker pamphlets and three manuscripts.

From Mary Hoxie Jones, Haverford, two autograph letters and a picture of "Playford," the home of Thomas Clarkson.

From T. Canby Jones, '42, a typewritten copy of his Yale doctoral dissertation, "George Fox's Teaching on Redemption and Salvation."

From Mrs. Mary Heath Lee, Fairhope, Alabama. The 1861 printed *Discipline* of the Yearly Meeting of Friends held at Poplar Ridge, New York. This is the first and probably the only discipline issued by this Yearly Meeting.

From Edwin D. Miner, '21, forty volumes, most of them first editions, of the writings of Rufus M. Jones.

From Russell Howard Siebert, Western Michigan University, a typewritten copy of his doctoral dissertation at Ohio State University in 1936, "The Treatment of Conscientious Objectors in War Time, 1775-1920."

From Samuel Thorne, Harrison, New York, a photographic portrait of Phebe Anna Thorne (1828-1909). The photograph came through Olive Floyd, whose biography of this New York Quakeress, which appeared this summer, has also been presented to the Quaker Collection by Samuel Thorne.

From Ella H. Tomlinson, Philadelphia, a marriage certificate of Benjamin Hawley and Mary Johnson, 1756, and a copy of a letter of George Fox, 1675.

From Twelfth Street Meeting, Philadelphia, thirteen portraits of English and American Friends.

From WHRC, the Haverford College radio station, a recording of a speech made by Rufus M. Jones in 1942.

From Margaret Rhoads Williams, Haverford, three illustrated manuscript volumes of the Journals of Mary Rhoads Haines (1819-1905), describing her travels in the ministry in England, 1874-1875.

From James Wood III, '50, and Frances R. Wood, Mount Kisco, New York, 250 Quaker pamphlets and periodicals from the estates of L. Hollingsworth Wood and Carolena Wood.

For the Charles Roberts Collection of Autographs:

From H. Tatnall Brown, Jr., '23, autograph letters from 147 prominent American business men.

From Edward Hoopes, Philadelphia, an autograph letter of Brigadier General Isaac Jones Wistar, a Union General in the Civil War.

From the President's office, twenty-one autograph letters of contemporary scholars, politicians, artists, journalists, and others.

For the Haverfordiana Collection:

From the Alumni Association, a manuscript paper written by William W. Comfort for the 100th anniversary of the Association.

From C. Willis Edgerton, '14, the Twenty-Fifth Reunion picture album of the Class of 1914.

From Mrs. P. Donald Folwell, Merion Station, an 1836 college letter of John Bishop, Jr., Ex-1838.

From Benjamin H. Lowry, '26, Haverford memorabilia of his uncle, Benjamin Howard Lowry, of the Class of 1873.

From Elliston P. Morris, '22, six manuscripts of Haverfordiana.

From Mrs. F. Joseph Stokes, Jr., Philadelphia, (wife of F. J. Stokes, Jr., '35), eleven large photographs of Haverford buildings.

From Richard M. Sutton, '22, five ancient photographs of Haverford.

From Anthony H. Whitaker, Philadelphia, a Haverford letter of George Howland Chase, Ex-1852.

Purchases of Rare or Unusual Items:

Six rare Quaker pamphlets, including two broadsides of George Fox, and pamphlets by William Penn and Francis Bugg.

An anti-Quaker pamphlet, J. J. Zentgraf's *Colluvies Quakerorum*, published in Strassburg in 1665.

Three etchings by Robert Spence to illustrate the *Journal of George Fox*: Fox and Captain Keat; Fox at Launceston Gaol; and Fox and the dead Cromwell.

The Quakeress Spy: A Romance of 1780, by William Henry Howland, published in New York, by Beadle & Adams, 1868. Warder H. Cadbury called our attention to the fact that this Quaker novel was being offered for sale; he also presented to Haverford a Quaker Dime Novel: *Saul Sabberday, the Idiot Spy; or Luliona, the Seminole*, by Ned Buntline [pseud. of Edward Zane Carroll Judson, 1823-1886] put out by the same publisher in 1881.

A microfilm of volumes 5 and 6 of the Swarthmore MSS., from the Library of Friends House, London.

A microfilm of a manuscript by Maurice Creasey, "Early Quaker Christology, with Special Reference to the Teaching and Significance of Isaac Penington." This Ph.D. thesis at the University of Leeds, 1956, came to Haverford through the good auspices of Frederick B. Tolles, Librarian of the Friends Historical Library at Swarthmore College.

A microfilm of the Minutes of Indiana Yearly Meeting of Anti-Slavery Friends, 1843-1857; Minutes of Indiana Yearly Meeting of Anti-Slavery Women Friends, 1843-1857; and Minutes of the Committee on Indian Concerns of Indiana Yearly Meeting, 1821-1856. This film was prepared from the originals belonging to Indiana Yearly Meeting and to the Earlham College Library.

THOMAS E. DRAKE

STATISTICS FOR REPORT OF THE CURATOR OF THE QUAKER COLLECTION

1957-1958

Books and pamphlets accessioned	415
Books and pamphlets catalogued	284
Manuscripts received by gift or purchase	622
Manuscripts catalogued	1286
Research workers who visited the Treasure Room	9
Research inquiries by mail	56
Visitors	1320

REPORT OF MORRIS INFIRMARY—1957-58

	1957-58	1956-57
Patients admitted	117	67
Total time (days)	296	249
Diseases classified as follows:		
Grippe and respiratory	55	
Intestinal	12	
Joint conditions	11	
Miscellaneous	39	
Total number of Dispensary visits	3,077	3,059
Medical	1,155	
Surgical	66	
Allergy vaccines	265	
Upper respiratory infections	1,220	
Gastro-intestinal	125	
Joint conditions	246	
Fractures	12	
Surgical:		
Appendix	1	

WILLIAM W. LANDER, M.D.

THIRTY-ONE]

PUBLICATIONS AND ACTIVITIES OF THE FACULTY

1957-1958

ASENSIO, MANUEL J.

Lectures: "La diversidad regional en España," International House, Philadelphia, March 5, 1958. "La España de ayer y la de hoy," American Association of Teachers of Spanish and Portuguese, Cabrini College, May 10, 1958.

ASHMEAD, JOHN, JR.

Lectures: "Teacher in Japan and Greece," Faculty and Board of Managers Meeting, 1958.

Board of Directors, Main Line School Night.

BENHAM, THOMAS A.

Lectures: "Tracking Satellites," Contemporary Club, Philadelphia.

President, Bryn Mawr School and Home Group.

Chairman of the Board, Philadelphia Association for the Blind.

Chairman, Fifth Conference on Reading Machines for the Blind.

Editor, *Science Recorded*.

Principal investigator, Research on Travel Aids for the Blind. (Veterans Administration).

BORTON, HUGH

Books: *Japan between East and West* New York, 1957, Chapter on "Politics and the Future of Democracy in Japan." pp. 1-45.

Lectures: "The Challenge of Today to Haverford College and Liberal Arts Colleges," Inauguration, Haverford College, October 19, 1957; "Asian Studies in American Colleges and Universities," Panel Member Sixth National Conference of the U.S. National Commission for Unesco, November 8, 1957; Friends World Committee, November 15, 1957; Gwynned Friends Meeting, January 19, 1958; "The World's Challenge to Scholarship," Bala Cynwyd Junior High School Honor Society Assembly, February 5, 1958; "The Liberal Arts College in the National and Local Community Today," Ardmore Rotary Club joint meeting with Bala Cynwyd and Narberth Rotary Clubs, March 27, 1958; "Asian Studies and the American Colleges," Presidential Address, Annual Meeting of The Association for Asian Studies, April 2, 1958; "The Process of Modernization in Japan 1850-1900," Graduate Assembly of Bryn Mawr College, April 9, 1958; "Japan—Its Future Place in World Economic Affairs," Annual World Trade Dinner, Philadelphia, Pa., May 21, 1958; "Liberal Arts Education in a World of Satellites," Westtown Alumni Association, May 24, 1958; "The Quest for Freedom," Commencement Address, The Sidwell Friends School, June 8, 1958; "The Challenge

to Youth and the Conquest of Outer Space," Commencement Address, Overbrook School for the Blind, June 13, 1958; "Quakers' Educational Responsibilities," New York Yearly Meeting of the Religious Society of Friends, Silver Bay, N. Y., July 26, 1958.

President, Association for Asian Studies.

Vice President, Trustee, Japan Society, Inc.

Vice President, Japan International Christian University Foundation.

Board of Directors: American Friends Service Committee; Pendle Hill; Penjerdel.

BUTMAN, ROBERT H.

Lectures: "Christopher Fry," Hathaway Shakespeare Club, Philadelphia; Series of six lectures, The Washington Seminar, Washington, D. C.

Producer, Shakespeare's *Comedy of Errors*, Lincoln University, Oxford, Pa., May 11, 1958.

CADBURY, HENRY J.

Articles: "The Church and Peace," *Fellowship*, XXIV (1958), 5-9.

"A Qumran Parallel to Paul," *Harvard Theological Review*, II (1958), 1-2.

"The Horizon of Fox's Early Visions," *Bulletin of Friends Historical Association*, XLVII (1958), 30-34.

"Whittier's Religion," *The Christian Century*, LXXV (1958), 166-7.

"Some Foibles of New Testament Scholarship," *Journal of Bible and Religion*, XXVI (1958), 213-216.

Book Reviews: Three books on The Acts of the Apostles, *Journal of Biblical Literature*, LXXVII (1958), 171-174.

Editorial Work: "Briefer Notices" and "Research in Progress," departments, *Bulletin of Friends Historical Association*.

"Letters from the Past," occasional column in *Friends Journal*.

Lectures: Theological Seminary, Hartford, Conn.; College of the Bible, Lexington, Kentucky (four lectures); Evangelical Theological Seminary, Naperville, Illinois; Garrett Biblical Institute, Evanston, Illinois (two lectures); Bethany Bible Seminary, Chicago; Brandeis University, Waltham, Mass.; United Theological Seminary, Dayton, Ohio (two lectures); Friends of the Library, Brown University, Providence, R. I.; Boston University School of Theology; Friends General Conference, Cape May, New Jersey (six classes); Middletown, Pa.; Twelfth Street, Philadelphia; Race Street, Philadelphia (three addresses); Swarthmore, Pa. (three addresses); Trenton, New Jersey; Westtown School; Bryn Mawr College; Radnor, Pa.; Old Haverford, Pa.; Des Moines, Iowa; Addresses on "The Dead Sea Scrolls": The Ministers' Club, Chester, Pa.; Philobiblon Club, Philadelphia; Friends of the Wayne (Penna.) Public Library; Private School Teachers Association of Philadelphia; Commencement address; Oakwood School, Poughkeepsie, N. Y.

Preaching Engagements: Christ Church, Quaker Hill, Pawling, N. Y.; Baccalaureate sermon, Bryn Mawr College.

Chairman, Board of Directors, Bryn Mawr College.
Chairman, American Friends Service Committee and its Board of Directors.
Director, Board of Friends Historical Association.
Member, Revised Standard Bible Committee.
Lecturer, Pendle Hill (two terms).

CADBURY, WILLIAM E., JR.

Lectures: "Higher Education and Ethical Values," Panel Discussion, television station KTVT, Salt Lake City, Utah, March 16, 1958.
Associate Director, Committee on the Resurvey of Preprofessional Education.
Member, Committee in charge of Westtown School.
Treasurer, American Conference of Academic Deans.

CARY, JOHN R.

Reviews: Emil Fuchs, *Mein Leben* (Vol. I), in *Friends Journal*, IV (October 4, 1958), 566.
Member, Board of Managers, Pendle Hill.
Overseer, William Penn Charter School.

COELHO, GEORGE V.

Books: *Changing Images of America: A Study of Indian Students' Perception*. Glencoe, Ill.; The Free Press, 1958.

COMFORT, HOWARD

Articles: "Imported Pottery and Glass from Timna," Bowen, Albright, *et al.*, *Archaeological Discoveries in Southwest Arabia* (1958), pp. 199-212.
Reviews: Paul Karnitsch, *Die verzierte Sigillata von Lauriacum*, in *Am. Jour. Archaeol.* LXI (1957), 411-412.
Philippe de Schaetzen, *Index des terminaisons des marques de potiers gallo-romains sur terra sigillata*, in *Am. Journ. Archaeol.* LXII (1958), 126.
M.H.P. de Boesterd, *The Bronze Vessels in the Rijksmuseum G.M. Kam at Nijmegen*, in *Archaeology*, XI (1958), 134.
Editor, *Rei Cretariae Romanae Fautorum Ubique Consistentium Acta*, I (1958).
Lectures: "Iter Figulare," Philadelphia Classical Club.
President, Rei Cretariae Romanae Fautores.
Clerk, Philadelphia Yearly Meeting on Worship and Ministry.
Director, American Philological Association.
President, Phi Beta Kappa, Haverford College Chapter.

DRAKE, THOMAS E.

Books: *Patterns of Influence in Anglo-American Quakerism*. (Supplement No. 28 to the *Journal of the Friends' Historical Society*), London: Friends' Historical Society, 1958.

Lectures: Presidential Address, Friends' Historical Society, Friends House, London, September, 1958.

President, Friends' Historical Association, Philadelphia.

President, Friends' Historical Society, London.

FINGER, IRVING

Articles: "A Comparison of Human Antisera to Purified Diphtheria Toxoid with Antisera to other Purified Antigens by Quantitative Precipitin and Gel Diffusion Techniques," *J. Exp. Med.*, 108:4, 453-474, 1958 (with E. A. Kabat).

Lectures: "Immunogenetic Studies of Paramecium," Institute of Microbiology, Rutgers University; "Immunogenetic Studies of Paramecium," Biology Colloquium, Brown University; "The Use of Paramecium in Studies of Cell Differentiation," Science Club, Rutgers College of South Jersey.

FLIGHT, JOHN W.

Books: *The Drama of Ancient Israel* (revised), Boston: Beacon Press, 1958.

Reviews: *Key Words of the Bible*, by Albert N. Williams, in *Jour. of Bible and Religion*, XXV (1957), 83-84.

The Faith of Israel, by H. H. Rowley, in *Jour. of Bible and Religion*, XXV (1957), 354-356.

Judas, the Betrayer, by Albert Nicole, in *Jour. of Bible and Religion*, XXVI (1958), 274-275.

Lectures: "Gospel of Luke and its Interpretation," Fireside Group of Bryn Mawr Presbyterian Church; "Dead Sea Scrolls and the Bible," First Unitarian Church, Wilmington, Del.; "The Prophets of the Old Testament," Women's Study Group, Bryn Mawr Presbyterian Church (10 lectures); "Ezekiel, His Times and His Book," Christ Lutheran Church, Baltimore; "Significance of Archaeological Discoveries," at Beth Shemesh Museum (3 groups).

Delegate for Haverford College, inauguration of Dr. Charles Ryrie as President of the Philadelphia College of the Bible.

FRIEDRICH, GERHARD G.

Books: *In Pursuit of Moby Dick: Melville's Image of Man*. Wallingford, Pa.: Pendle Hill, 1958.

Articles: "Creative Writing in the Composition/Communication Course," *College Composition and Communication*, VIII (October 1957), 137-138.

"George Fox's Central Query," *Friends Journal*, IV (January 18, 1958), 36-37.

"Map," *Approach* (Fall, 1957), 22.

"Walking Under Elms," *University of Kansas City Review*, XXIV (October 1957), 68.

"Nocturne," *Christian Century*, LXXIV (November 13, 1957), 1348.

"Two Poems: Unscheduled Flight; Journey into Day," *Phylon Quarterly*, XVIII (Third Quarter, 1957), 246.

"Star Island Night," *Educational Forum*, XXII (November 1957), 40.

"Beyond Matanzas," *Approach* (Winter 1958), 15.

"A New College Course in American Literature," in *Essays in American Literature*. Champaign, Illinois: National Council of Teachers of English, 1957, pp. 30-33.

"Literature and English Composition," in *Advanced Placement Program Syllabus*. New York: College Entrance Examination Board, 1958, pp. 94-105.

"Inward Moment," in *Best Poems of 1956: Borestone Mountain Poetry Awards 1957*. Stanford University Press, 1957, p. 35.

Lectures: "Problems in College Freshman English Courses, and the Haverford Approach," Philadelphia Area Teachers Association, November 20, 1957; "College-Level Standards in English Composition," New York Area Conference on College Standards, November 23, 1957; "Perspective in the Teaching of American Literature," National Council of Teachers of English Convention, Minneapolis, November 29, 1957; "The Reality of Poetry; Incident and Image," Lincoln University, February 26, 1958; "Poetry as Religious Experience; Prose and Poetry as Two Modes of Viewing Reality" (two lectures), Haverford Friends Forum, February 23, March 9, 1958; "English Department Extensions of the Advanced Placement Program; Standards in English Composition" (two lectures), National Conference on College Composition and Communication, Philadelphia, March 27 and 29, 1958; "The English Curriculum in the Mid-Twentieth Century; The Advanced Placement Examination in English Composition; Provisions for Advanced Placement Students in English" (three lectures), Stanford University English Conference, June 26, 27, and 29, 1958. "A Fish Story and Some Quakers," Lehigh Valley Friends Forum, September 7, 1958.

Chairman, English Curriculum and Examination Committee, Advanced Placement Program.

Chairman, Panel on College Survey Courses, Pennsylvania Council of Teachers of English, Pennsylvania State University, September 27, 1958.

Consultant, Governor's Conference on the Improvement of Instruction, Harrisburg, January 28-29, 1958.

Consultant, New York State Committee on Advanced Courses in English, Albany, June 9, 1958.

Member, Board of Managers, Friends Council on Education.

Member, National Commission on Advanced Placement.

GREEN, ELIZABETH U.

Lectures: "Characteristics of Growth and 'Aging' in Tail Epithelium of *Rana pipiens* Tadpoles," American Society of Zoologists and Society for the Study of Growth and Development, AIBS Meeting, Indiana University.

GREEN, LOUIS C.

Lectures: "The Scientific Value of Observations from Rockets and Artificial Satellites," Haverford School Science Club; "Why Do I Teach?" Father and Son Dinner,

Princeton Class of 1932; "Scientific Observations from Artificial Satellites," Haverford Club of Pittsburgh; "Aspects of the Geophysical Year Including Artificial Satellites," The Contemporary Club; "Haverford's Decision Not to Accept Defense Department Contracts," Forum for Free Speech, Swarthmore College.

Teacher, "Refresher Course for Secondary School Science Teachers," William Penn Charter School.

Honors Examiner, Swarthmore College.

Member, Committee on Science and the Arts, Franklin Institute.

Member, Executive Committee on the Greater Philadelphia Branch, Federation of American Scientists.

Member, National Research Council Committee on Line Spectra of the Elements.

Member, Sub-Commission on Intensity Tables, International Astronomical Union.

HARPER, EDWARD B.

Books: *Economic Structure of a South Indian Village* (microfilm), Ann Arbor, Michigan.

Articles: "Hoylu; A Belief Relating Justice and the Supernatural," *American Anthropologist*, 59, 5 (Oct. 1957), 801-816.

"Shamanism in South India," *Southwestern Journal of Anthropology*, 13, 3 (1957), 267-289.

Lectures: "A Changing System of Indentureship in Rural South India," Philadelphia Anthropological Society; "A Year in a Mysore Village," Department of South Asian Studies, University of Pennsylvania.

HEATH, DOUGLAS H.

Articles: "Projective Tests as Measures of Defensive Activity," *Journal Projective Techniques*, XII (1958), 284-292.

Lectures: "The Generalization of Expectancies," Graduate Seminar, Psychology Department, University of Michigan; "Cognitive Controls in Normal Individuals," Graduate Seminar, Psychology Department, University of Michigan; "Demonstration and Analysis of the Associative Test," Introductory Psychology classes (four), University of Michigan; "Assessment of Small College Teaching," Graduate Student Teaching Seminar, Psychology Department, University of Michigan; "The Phrase Association Test," Psychotherapy Research Project, Psychology Department, University of Michigan.

Grantee, National Science Faculty Fellowship, 1957-58.

Grantee, Social Science Research Council Fellowship, 1957-58.

Grantee, National Institute of Mental Health Research Grant, 1958-59.

HETZEL, THEODORE B.

Lectures: "What U.S. Indians Face Today," Haverford Friends Meeting Forum; "Current Interests of Quakers in U.S. Indians," Sandy Spring Friends Meeting Forum; "Federal Policy with Regard to Indian Problems," West Grove Friends Meeting; "Quakerism, Science and Education," Middletown (Langhorne) Friends Meeting Forum.

Preaching: "The Quaker Meeting for Worship," Mountain View Presbyterian Church, Tucson, Arizona.

Chairman, Indian Program Committee, American Friends Service Committee.

Member of Board, Indian Rights Association.

Director, A.F.S.C. Workcamp, Tucson, Arizona, 27 June-1 August 1958.

HUNTER, HOLLAND

Books: *Soviet Transportation Policy*. Cambridge: Harvard University Press, 1957.

Articles: "Union of Soviet Socialist Republics," *Collier's Encyclopedia Yearbook for 1957* (New York: P. F. Collier, 1958), pp. 618-27.

"Discussant's Comments," *American Economic Review*, XLVIII (May 1958), 393-95, 425-27.

Lectures: "Observations on the Soviet Scene," Library Associates, Haverford; "The Present State of Soviet Society," Men's Sunday Breakfast Club, Moorestown; "The Eastward Shift of Soviet Industry," Southern Economic Association, Memphis; "Sources of Soviet Power," World Affairs Council, Philadelphia; "The Soviet Challenge," Race Street Forum, Philadelphia; "What Are Russians Like?," Buckingham Friends Meeting, Lahaska, Pa.; "Management Problems in Soviet Industry," Society for the Advancement of Management, Villanova; "Recession and Recovery," Labor Education Association, Philadelphia; "People, Space, and Power in the USSR," University of Michigan, Ann Arbor; "How We Can Win the Cold War," Ann Arbor Rotary Club.

President, Parent-Teachers Association, Haverford Friends School.

LEMONICK, AARON

Lectures: Visiting Lecturer, Summer Science Institute, Bucknell University. Chairman and Lecturer, Science Lecture Series, William Penn Charter School.

LESTER, JOHN A., JR.

Pamphlets: *John Davidson: A Grub Street Bibliography*. Charlottesville: University of Virginia Press, 1958.

Articles: "Adequacy of Education for Librarianship for Institutions of Higher Learning," in *How Effective is Education for Librarianship?* Philadelphia: Drexel Institute of Technology, 1958, pp. 18-19.

"The Interrelationship of Composition of Literature in the College Program." *English Record*, VIII (Spring 1958), 26-32.

"Languages and a Liberal Education," *Modern Language Journal*, XLII (May 1958), 213-217.

"The Library," in *Evaluation of Hamilton College*, Middle States Association, February 1958, pp. 14-17.

Lectures: "Books: A Philosophy of Use," Pittsburgh PLA, October 12, 1957; "The End of an Age," Philobiblon Club, Philadelphia, May 15, 1958; "Languages and a Liberal Education," Modern Language Division, North Eastern Ohio Teachers Association, October 25, 1957; "The Rocky Road Ahead," University School, Cleveland, October 25, 1957; "Three Steps to Parnassus," Dickens Fellowship,

Philadelphia, February 8, 1958; Addresses to Haverford Alumni Associations of Washington and Wilmington; Tri-State ACRL, Pittsburgh; Schoolmen's Week, Philadelphia.

Consultant, Ursinus College Library.

Examiner and Field Representative, Woodrow Wilson National Fellowship Program.

Member, Board of Directors, Union Library Catalogue.

President, Philadelphia Chapter, Association of College and Research Libraries.

LOCKWOOD, DEAN P.

Member, Editorial Board for Mediaeval and Latin Translations and Commentaries.

Editor, *Bulletin*, Library Associates of Haverford College.

LOEWY, ARIEL G.

Articles: "Purification of the Factor Involved in the Formation of Urea-insoluble Fibrin," *Biochimica et Biophysica Acta*, XXVI (1957), 670.

Editorial Work: Biology Editor, Rinehart Publishing Co.; "Purification of the factor responsible for the formation of insoluble fibrin," Research Staff, Children's Hospital; Series of lectures on biological specificity, William Penn Charter School; three lectures on dangers of radioactive fall-out, 12th Street Meeting, Liberal Religious Fellowship and Episcopal Church, West Chester.

Honors Examiner in Biology, Swarthmore College.

MacCAFFREY, WALLACE T.

Books: *Exeter, 1540-1640*, Cambridge, Mass.: Harvard University Press, 1958.

Reviews: Ferguson, Charles W., *Naked to Mine Enemies; a Life of Cardinal Wolsey*, in *American Historical Review* (July 1953).

Neale, J. E., *Elizabeth I and her Parliaments, 1584-1601*, in *History* (October 1957).

Program Chairman, Conference on British Studies, two-year term 1957-9.

MACKAY, COLIN F.

Articles: "C¹⁴ Hot-Atom Chemistry of n-Pentane and Isopentane" (with W. F. Libby), *J. Am. Chem. Soc.*, LXXIX (1957), 6366.

MULLER, STEVEN

Articles: "Massive Alternation in Canadian Politics," *Foreign Affairs*, XXXVI (July 1958), 633-644.

"Radical" (with Herman M. Somers), new edition of the *Encyclopedia Britannica*.

Member, Pennsylvania State Committee, Selection for Rhodes Scholarships, 1958.

Chairman, Intercollegiate Conference on Careers in the International Field, World Affairs Council of Philadelphia.

OAKLEY, CLETUS O.

Books: *Analytic Geometry Problems*. New York: Barnes and Noble, 1958.

Calculus and Matrices (with R. V. Andree), 3rd Edition, Haverford, Pa. (Multilithed).

Reviews: *The Enjoyment of Mathematics*, by Hans Rademacher and Otto Toeplitz, in *Amer. Math. Monthly*, LXIV (October 1957), 603.

Report on a Survey of Training and Research in Applied Mathematics, by F. J. Weyl, in *Amer. Math. Monthly*, LXV (June-July 1958), 461.

Editorial Work: Associate Editor, *American Math. Monthly*.

Lectures: "Implications of Modern Mathematics for the Teaching of High School Mathematics," Philadelphia High School Curriculum Conference, Philadelphia; "The Market in Tenth, Eleventh, and Twelfth Grade Stock, Common and Preferred," The Delaware State Education Association, Wilmington; "Science and Mathematics," Lebanon Valley College, Annville, Pa.; "Modern Mathematics," (two lectures), Wilmington Public Schools, Delaware; "Sets, Functions and Algebra" (three lectures), Michigan Council of Teachers of Mathematics, Grand Rapids; "Modern Mathematics" (seven lectures), Cheltenham and George Schools, Cheltenham, Pa.; "The Number System and Abstract Algebra, (three lectures), Bucknell University, NSF, Lewisburg, Pa.; "Groups and Fields," Rutgers University, NSF, New Brunswick, N. J.; "The New High School Curriculum," Oklahoma State Univ., NSF, Norman.

Member, College Entrance Examination Board.

Member, University of Illinois Committee on School Mathematics Conference, University High School, Urbana, Ill.

PARKER, FRANCIS H.

Lectures: "What is Ethics?", Institute of Humanistic Studies for Executives, University of Pennsylvania; "The Philosophy of Ethics," course of lectures, Institute of Humanistic Studies for Executives, University of Pennsylvania; "Ethics," course of lectures, Program in Liberal Arts for Executives, Swarthmore College.

President, Haverford College chapter, American Association of University Professors.

PFUND, HARRY W.

Reviews: *The Figure of the Musician in German Literature*, by George C. Schoolfield, in *Amer.-Ger. Rev.*, XXIV (Oct.-Nov. 1957), 36.

The German-Language Press in America, by Carl Wittke, in *Penna. Mag. of Hist. and Biogr.*, LXXXII (January 1958), 132-133.

Editorial Work; Associate Editor, *American-German Review*.

Lectures: "Liebe und Humor bei Moerike," German Society of Penna., Phila.; Main Address, 175th Anniversary, German Society of Maryland, Baltimore; Address of Welcome to President Theodor Heuss of Germany, Independence Hall, Philadelphia.

Member, Board of Overseers, Erstes Deutsches Reichswaisenhaus, Lahr, Black Forest, Germany.

President, Carl Schurz Memorial Foundation.

Vice President and Chairman, Library Committee, German Society of Pennsylvania.
Grantee, Federal Republic of Germany, Study Tour of West Germany, June-July 1958.

POST, L. ARNOLD

Reviews: A. Diès and E. Des Places, *Platon, Oeuvres Complètes, XII*, in *American Journal of Philology*, LXXIX (July 1958), 286-290.
Editorial Work: Editor, Loeb Classical Library.

QUINN, FRANCIS J.

Lectures: "The Value of the Individual," Bryn Mawr Inter-Faith Society, April 27, 1958; "The Theme of Regeneration in James Joyce's 'Ulysses'," Bryn Mawr Art Forum, Jan. 8, 1958.

REESE, WILLIAM H.

Lectures: Music Director for Student Sailings, Netherlands Board for Foreign Student Relations.

REID, IRA DE A.

Articles: "Race and Crime," *Friends Journal* III (Nov. 30, 1957), 772-774.
"Peace and Tranquility: The Quaker Witness," *Friends Journal*, IV (April 5, 1958), 212-213.
Lectures: "Living in Changing Times," National Social Welfare Assembly, New York City, Dec. 13, 1957; "Peace and Tranquility: The Quaker Witness," William Penn Lecture, Philadelphia Yearly Meeting, March 30, 1958.
Consultant in Sociology, Evaluation Project Office of Redevelopment Coordination, City of Philadelphia.
Member, Philadelphia Commission on Higher Education.
Member, Retail Trade Minimum Wage Board, Department of Labor and Industry, Pa.

REITZEL, WILLIAM

Books: *Background to Decision-Making*, Naval College, Newport, R. I., June 1958, pp. 115.
Lectures: "Major Issues in U. S. National Strategy," Army College, Carlisle, Pa., Nov. 1957; "Logic in Developing the Strategic Plan," Naval College, Newport, R. I., Feb. 1958; "The North Atlantic Treaty Organization," World Affairs Council, Phila., Pa., Feb. 1958; "War and International Relations," Staff College, Norfolk, Va., June 1958; "The State of the World," Naval Reserve Unit, Villanova, Pa., June 1958; "Decision-Making," three lectures and seminar leader, Foreign Officers Course, Naval College, Newport, R. I., Sept. 1958.
Study Group, "Middle East," Fellowship Council, Phila., Pa., May-June, 1958.
Study Group, "United States and Spain," Council on Foreign Relations, New York, Sept. 1958-Jan. 1959.

ROSE, EDGAR S.

Lectures: "James Gibbons Huneker, Impressionist," Literary Fellowship, Philadelphia, October 18, 1957; "A Critic of the Seven Arts," Faculty Research Talk, Haverford College, January 17, 1958.

SANTER, MELVIN

Articles: "The Role of Inorganic Phosphate in the Oxidation of $\text{Na}_2\text{S}_2\text{O}_3$ by *Thiobacillus thio-parus*" (with Wolf Vishniac), *Bacteriological Proc.* (1958), p. 131. "Oxidation of Thiosulfate by *Thiobacillus thio-parus*" (with Maurice Margulies), *Bacteriological Proc.* (1958), p. 121.

"The Thiobacilli" (with Wolf Vishniac), *Bacteriological Reviews*, XXI (September 1957), 195-213.

Lectures: "Some Aspects of the Metabolism of the Thiobacilli," Bryn Mawr College, Department of Biology; "The Comparative Biochemistry of Living Organisms," (two lectures), William Penn Charter School.

Honors Examiner, Swarthmore College.

Lalor Foundation Summer Faculty Award (1958) for Research at Yale University.

SARGENT, RALPH M.

Lectures: "A Botanical View of the United States," Philadelphia Botanical Club, Academy of Science, Philadelphia, Pa., October 24, 1957.

Trustee, Highlands Biological Station, Highlands, North Carolina.

Board of Visitors, Union College, Schenectady, New York.

National Council, American Association University Professors, and member, National Executive Committee.

SATTERTHWAITE, ALFRED

Lectures: "Quantitative Verse Movements in France and England in the 1560's and 1570's," Eleventh Annual Foreign Language Conference, University of Kentucky, April 1958.

SCOTT, ANDREW M.

Articles: "A Challenge and Response Theory of International Relations," *PROD* (April 1958).

Lectures: Member of panel, "Politics of City Planning," Conference on City Planning, Institute of State and Local Government, University of Pennsylvania, January 1958; Chairman, Panel on "Student Participation in Party Politics," Conference of Eastern Pennsylvania Citizenship Clearing House, March 13, 1958.

Campaign Chairman, Democratic Party of Haverford Township.

Member of Board, Citizenship Clearing House of Eastern Pennsylvania.

SCOTT, ANNE FIROR

Lectures: "The AAUW's role in the Late Nineteenth Century Woman Movement," Montgomery County Branch of the AAUW, February 1958; "The Emergence of Women in Modern America," Radnor Branch of the AAUW, March 1958; "The American Character," Conference on *Can Democracy Survive?*, Bryn Mawr College, April 1958.

Candidate, Haverford Township School Board, November election 1957.

SELOVE, FAY AJZENBERG

Articles: "Neutrons from the He^3 Bombardment of B^{10} ," *Physical Review*, CVIII (December 1, 1957), 1284-1288.

Reviews: "Soviet Education for Science and Technology," by Korol, in *Physics Today* (May 1958), 34.

Lectures: "The Study of Isobaric Triads," National Bureau of Standards, April 23, 1958; "The Study of Isobaric Triads," Los Alamos Scientific Laboratory, July 29, 1958.

Member, Subcommittee on Nuclear Constants, National Research Council-National Academy of Sciences.

Grantee, National Science Foundation.

SOMERS, HERMAN M.

Articles: "Private Health Insurance: Part I, Changing Patterns of Medical Care Demand and Supply in Relation to Health Insurance," (with Anne R. Somers) *California Law Review*, XLVI (August 1958), 376-410.

Reviews: Reinhard Bendix, *Work and Authority in Industry*, in *American Political Science Review* (September 1957), p. 887.

Samuel Beer, *Treasury Control: The Coordination of Financial and Economic Policy in Great Britain*; M. Abramovitz & V. Eliasberg, *The Growth of Public Employment in Great Britain*; Sir Harold Emmerson, *The Ministry of Works*; in *Journal of Politics* (February 1958), pp. 203-207.

R. G. Francis and Robert C. Stone, *Service and Procedure in Bureaucracy: A Case Study*, in *American Political Science Review* (December 1957), p. 1129.

Lectures: "The American Presidency: Administrative Lessons," Bell System Executive Program, Swarthmore, Pa.; "The Use of Cases in the First Year Course," American Political Science Association, St. Louis, Mo.; "Federal-State Fiscal Relations in Social Welfare," National Conference on Social Welfare, Chicago, Ill.; "The Coordinator as an Administrative Device," American Society for Public Administration, Philadelphia, Pa.; "Inter-cultural Barriers in Technical Assistance," Syracuse University, Syracuse, N. Y.; "Workmen's Compensation in an Over-All Social Security System," National Conference on Workmen's Compensation, AFL-CIO, Washington, D. C.; "The American Social Security System: Progress and Problems," Two lectures, Graduate School of Social Welfare, Bryn Mawr College, Bryn Mawr, Pa.; "Workmen's Compensation: Needs and Promises," N. Y. State Institute of Workmen's Compensation, Albany, N. Y.; "A Re-Evaluation of Workmen's Compensation," Ninth Annual Central Labor Union Conference, University of Illinois, Urbana; "The Road Ahead in Workmen's Compensation," N. Y. State Institute of Workmen's Compensation, Buffalo, N. Y.

Board of Directors, World Affairs Council of Philadelphia.

Board of Trustees, Eastern Pennsylvania Citizenship Clearing House.

Chairman, Economics Section, Harvard International Seminar, Harvard University Summer School.

Consultant, The Brookings Institution, Washington, D. C.

Executive Board, Inter-University Case Program, New York.

Fulbright Selection Committee, Conference Board of Associated Research Councils, Washington, D. C.

National Selection Committee, U. S. Fulbright Program, Institute for International Education, New York.

Research Contract for studies in organization and financing of medical care, The Brookings Institution, Washington, D. C.

STEERE, DOUGLAS V.

Books: *Prayer and Worship*, London: World's Work, 1958.

Articles: "Letters from Dorothy and Douglas Steere," (five letters) *Friends Journal*, *American Friend*.

"On Beginning Where We Are," *Friend* (London), *American Friend*.

"Crashing the Thought Barrier of Our Time," *Friends Journal*, IV (May 1958), 278, 285.

Reviews: *Pathways of the Inner Life*, by Georges Barrois, in *Theology Today*, XV (April 1958), pp. 141-2.

Editorial Work: Consultant on Religious Books, Harper and Bros.

Lectures: Quaker Mission, Kaimosi, Kenya; Secondary School; Mission Staff Liberal Club, Nairobi, Kenya; Public Affairs Club, Salisbury, Federation of Rhodesia and Nyasaland; Emily Hobhouse Memorial Lecture, Institute of Race Relations Johannesburg, Union of South Africa; Council of Christian Churches, Leopoldville, Belgian Congo; American Club, Leopoldville, Belgian Congo; Diplomat Seminar Monthly Luncheon, Vienna, Austria; Diplomat Seminar Dinner, London; AFSC Luncheon, Geneva, Switzerland; Woodbrooke International Lecture Series, Selly Oak, England; Freiburg, Heidelberg, Karlsruhe, Munich, Vienna, Stuttgart, Göttingen, Berlin (Mittelhof), East-Berlin, Dresden, Leipzig, Bad Pyrmont, Hamburg, Cologne, Amsterdam, Darmstadt, Basle, Paris, Copenhagen, Helsinki, Stockholm, Stavanger, FSC in London, Buckeburg, Germany; Vitakiivi, Hauho, Finland; University of Pennsylvania Humanities Seminar; Methodist Clergy of Wisconsin, Lawrence College, Appleton, Wis.; Welsh Valley Quarterly Meeting; Radnor, Scarsdale, N. Y.; Poughkeepsie, N. Y.; Chicago, Ill.; Pendle Hill (2); Germantown Unitarian Church; Gould Farm, Great Barrington, N. Y.; International Fellowship of Reconciliation, N.Y.C.; AFSC; U.N. Non-Governmental Org. Representatives, N.Y.C.; Schweitzer Educational Foundation, Chicago, Ill.

Sermons: Germantown Unitarian Church; Vassar College; Chicago Sunday Evening Club; Dondi Mission, Bella Vista, Angola; Salisbury, Fed. Rhod. and N.; Johannesburg, Union of S. A.; Wainwright House, Rye, N. Y.; New England Methodist Clergy, Providence, R. I.

Commencement Address: Moses Brown School, Providence, R. I.

Member, World Council of Churches Commission on Church's Responsibility for Prevention of War in Atomic Age.

Chairman, Board of Trustees, Pendle Hill, Wallingford, Pa.

Board of Trustees: Wainwright House, St. Martin's House, John Woolman Memorial. Chairman, American Section, International Fellowship of Reconciliation.

Mission to Africa and Germany, AFSC, July 1957-Jan. 1958.

AFSC Committees: Foreign Service Executive; International Centers; Africa.

SWAN, ALFRED J.

- Books: "Folk Songs of the Ukraine," by Eugenie Linieff, preface by A. J. Swan, Godfrey, Ill.: Monticello College Press, 1958, pp. 1-vii.
Articles: "Russian Liturgical Music and its Relation to Twentieth Century Ideals," *Music & Letters*, XXXIX (July 1958), 265-274.

TEAF, HOWARD M., JR.

- Reviews: Paul Sultan, *Labor Economics*, in *Amer. Econ. Rev.*, XLVIII (June 1958), 505-6.
Editorial Work: *Trends in Economics, Papers Presented at Second Conference of Pennsylvania Economist*, June 1957. Bur. of Business Research, Pennsylvania State Univ., 1958.
Lectures: "Financing Economic Development," World Affairs Council, Phila.
"Economic Impact of a Reduction in Armaments Expenditure," Women's International League for Peace and Freedom, Delaware County.
Insurance Consultant, Commonwealth of Pennsylvania.
Labor arbitration.
Chairman, Committee on Permanent Organization, Conference of Pennsylvania Economists.
Member, Board of Directors and Foreign Service Executive; Chairman, Subcommittee on Social and Technical Assistance, American Friends Service Committee.

WALTER, ROBERT I.

- Articles: "Anion Exchange Studies of Sc (III) and V (IV). Separation of Scandium, Titanium, and Vanadium," *Journal of Inorganic and Nuclear Chemistry*, VI (1958), 58.
"Preparation of Carrier-Free Scandium and Vanadium Activities from Titanium Cyclotron Targets," *Journal of Inorganic and Nuclear Chemistry*, VI (1958), 63.
Lectures: "The Isolation of V⁴⁹ for Nuclear Spin Determinations," Bryn Mawr College Chemistry Department Seminar; "Free Radicals from Tris (p-aminophenyl) amine," Delaware Valley Regional Meeting, American Chemical Society, Philadelphia; "Visible-Ultraviolet Spectra of Triarylammonium Perchlorate Free Radicals," American Chemical Society Meeting, San Francisco: "The Nature of the Chemical Bond," (two lectures), William Penn Charter School.
Consultant, Brookhaven National Laboratory, Upton, Long Island, New York.
Consultant, Standard Oil Company of California, La Habra, California.

WILLIAMS, RUSSELL R., JR.

- Articles: "Radiolysis of Methane in Rare Gas Atmospheres (with G. G. Meisels and W. H. Hamill)," *Journal of Physical Chemistry*, LXI (1957), 1456.
"Diffusion and Hot Radical Kinetics in the Photolysis of Methyl Iodide in Cyclohexane," (with R. S. Pottie and W. H. Hamill), *Journal of the American Chemical Society*, LXXX (1958), 4224.

Lectures: "Radiation Chemistry," Pittsburgh Section, American Chemical Society, Nov. 21, 1957; "Diffusion-Recombination in Liquid Phase Reactions," Bryn Mawr Chemistry Colloquium, Feb. 7, 1958.

WISNER, ROBERT J.

Books: *The Number System*, University of Delaware, 1958.

Calculus for High School Science Teachers (Revised Edition), (with Newcomb Greenleaf), Oklahoma State University, 1958.

Editorial Work: Editor, "SIAM Notes," *Society for Industrial and Applied Mathematics Newsletter*.

Editor, *The SIAM Review*.

Editorial Consultant, McGraw-Hill Publishing Co., *American Mathematical Monthly*, and *Journal of the Society for Industrial and Applied Mathematics*.

Lectures: "On Unique Factorization in Semigroups of the Integers," (with Newcomb Greenleaf), American Mathematical Society, University of Chicago, April 18, 1958.

Consultant, Burroughs Corporation.

Lecturer, Alderson and Sessions.

Visiting Professor, University of Delaware, National Science Foundation Summer Institute.

Member, Council of the Society for Industrial and Applied Mathematics.

WYLIE, LAURENCE W.

Articles: "I Learned From Jacques and John," *Readers Digest* (October 1957)

"The Evolution of a Poujadist," *The Humanist*, XVII (November-December 1957), 348-354.

Interviews: "Un Américain en Anjou," *Courrier de l'Ouest*, August 31 and September 1, 1957.

"Il était devenu l'Américain de Chanzeaux," *Courrier de l'Ouest*, July 10 and 17, 1958.

Broadcast to Europe, Voice of America, July 28, 1958.

Editorial Work: Associate Editor, *Symposium*.

Associate Editor, *French Review*.

Lectures: "Sources de la conception américaine de la France," Collège de Beaupréau; "La France des Américains," Collège de Combrée; "L'étude locale: instrument des sciences humaines," Institut des Sciences Politiques, Université de Paris: "Une commune rurale française vue par un Américain," Ecole pratique des Hautes Etudes. Sixième Section, Université de Paris.

Chairman, Committee of Examiners in French, College Entrance Examination Board. Guggenheim Fellowship, 1957-58.

Liaison Fellow, American Anthropological Association.

Member, Scholarship Committee, American Friends Service Committee.

Member, School Committee, Haverford Friends Meeting.





HAVERFORD COLLEGE BULLETIN



THIS ISSUE CONTAINS THE

REPORT OF THE TREASURER AND COMPTROLLER

1957 - 1958

VOLUME LVII

NUMBER THREE

January, 1959



Corporation of Haverford College

Officers

DR. S. EMLEN STOKES, *President*

Moorestown, N. J.

WM. MORRIS MAIER, *Treasurer*

1000 Provident Building, Philadelphia 3, Pa.

JOHN F. GUMMERE, *Secretary*

Wm. Penn Charter School, Philadelphia 44, Pa.

WM. NELSON WEST, 3RD, *Assistant Secretary*

1600 Three Penn Center Plaza, Philadelphia 2, Pa.

Members of the Standing Nominating Committee of the Corporation

Term Expires 1959

M. ALBERT LINTON, JR. Wm. Penn Charter School, Philadelphia 44, Pa.

PHILIP G. RHOADS P.O. Box 71, Wilmington 99, Del.

HOWARD G. TAYLOR Riverton, N. J.

Term Expires 1960

FRANCIS C. STOKES 250 E. Main St., Moorestown, N. J.

HENRY C. EVANS 635 Manatawna Ave., Phila. 28, Pa.

HUBERT R. TAYLOR 910 Girard Trust Bldg., Phila. 2, Pa.

Term Expires 1961

JOHN A. SILVER Apple Hill Farm, Pipersville, Pa.

THOMAS ELKINTON Public Ledger Bldg., Phila. 6, Pa.

JOHN F. RICH Three Penn Center Plaza, Phila. 2, Pa.

Board of Managers

Ex-Officio as Officers of Corporation

DR. S. EMLÉN STOKES, *President* Moorestown, N. J.
 WM. MORRIS MAIER, *Treasurer* 1000 Provident Building, Philadelphia 3, Pa.
 JOHN F. GUMMERE, *Secretary* Wm. Penn Charter School, Philadelphia 44, Pa.

Term Expires 1959

M. ALBERT LINTON 4601 Market Street, Philadelphia 39, Pa.
 EDWARD WOOLMAN Haverford, Pa.
 THOMAS W. ELKINTON 1156 Public Ledger Building, Philadelphia 6, Pa.
 HENRY C. EVANS 635 Manatawna Avenue, Philadelphia 28, Pa.
 GARRETT S. HOAG 10 Post Office Square, Boston 9, Mass.
 DR. JONATHAN E. RHOADS 3400 Spruce Street, Philadelphia 4, Pa.
 THOMAS B. HARVEY 50 W. Wilkey Street, Philadelphia 23, Pa.
 GEOFFROY BILLO 30 Smith Avenue, Mount Kisco, N. Y.
 *JAMES P. MAGILL Philadelphia National Bank Bldg., Philadelphia 1, Pa.

Term Expires 1960

EDWARD W. EVANS Awbury, Germantown, Philadelphia 38, Pa.
 WILLIAM A. BATTEY 605 Walnut Lane, Haverford, Pa.
 DR. FREDERIC C. SHARPLESS Beach Haven, N. J.
 JOHN A. SILVER Apple Hill Farm, Pipersville, Pa.
 H. JUSTICE WILLIAMS 1000 Provident Building, Philadelphia 3, Pa.
 STEPHEN G. CARY A.F.S.C., 20 S. 12th Street, Philadelphia 7, Pa.
 HENRY SCATTERGOOD Germantown Friends School, Philadelphia 44, Pa.
 PHILIP G. RHOADS P.O. Box 71, Wilmington 99, Del.
 *JERVIS J. BABB 390 Park Avenue, New York 22, N. Y.
 *HERBERT W. REISNER 102 W. Mermaid Lane, Philadelphia 18, Pa.

Term Expires 1961

STANLEY R. YARNALL 5337 Knox St., Gtn., Phila. 44, Pa.
 DR. HENRY M. THOMAS, JR. 314 Overhill Road, Baltimore 10, Md.
 ALEXANDER C. WOOD, JR. #48 The Bourse, Phila. 6, Pa.
 HAROLD EVANS 1000 Provident Bldg., Phila. 3, Pa.
 RUSSELL W. RICHIE 1212 Market St., Phila. 7, Pa.
 DR. JOSEPH STOKES, JR. 1740 Bainbridge St., Phila. 46, Pa.
 *JOHN S. WILLIAMS 20 W. Chestnut Hill Ave., Phila. 18, Pa.
 RICHARD R. WOOD Riverton Rd., R. D., Riverton, N. J.
 DANIEL D. TEST, JR. Westtown School, Westtown, Pa.

Faculty Representatives on Board of Managers

Term Expires 1959

FRANCIS H. PARKER

Term Expires 1960

HOWARD M. TEAF, JR.

Alternates: JOHN A. LESTER, JR. and MARCEL M. GUTWIRTH

*Alumni Representative Manager.

Officers of the Board of Managers

Chairman of Board

DR. S. EMLÉN STOKES

Secretary of Board

WM. NELSON WEST, 3RD

1600 Three Penn Center Plaza, Philadelphia 2, Pa.

Standing Committees of the Board of Managers

*The Chairman of the Board is an ex-officio
member of all committees*

Executive Committee

DR. S. EMLÉN STOKES, <i>Chairman</i>	JOHN F. GUMMERE
• JONATHAN M. STEERE	DR. JONATHAN E. RHODES
ALEXANDER C. WOOD, JR.	WM. MORRIS MAIER
DR. FREDERIC C. SHARPLESS	THOMAS B. HARVEY
THOMAS W. ELKINTON	M. ALBERT LINTON
EDWARD W. EVANS	JERVIS J. BABB
RUSSELL W. RICHIE	WM. NELSON WEST, 3RD, <i>Secretary</i>

Committee on Finance and Investment

RUSSELL W. RICHIE, <i>Chairman</i>	WM. MORRIS MAIER
ALEXANDER C. WOOD, JR.	JONATHAN M. STEERE
M. ALBERT LINTON	HAROLD EVANS
	JAMES P. MAGILL

Committee on College Property

THOMAS W. ELKINTON, <i>Chairman</i>	GEOFFROY BILLO
WILLIAM A. BATTEY	THOMAS B. HARVEY
EDWARD WOOLMAN	PHILIP G. RHODES
JOHN A. SILVER	JOHN S. WILLIAMS
HENRY C. EVANS	HERBERT W. REISNER
	DANIEL D. TEST, JR

Committee on Honorary Degrees

RICHARD R. WOOD, <i>Chairman</i>	H. JUSTICE WILLIAMS
DR. HENRY M. THOMAS, JR.	DR. JOSEPH STOKES, JR.
HAROLD EVANS	STEPHEN G. CARY
GARRETT S. HOAG	HENRY SCATTERGOOD
	STANLEY R. YARNALL

Counsel

MACCOY, EVANS AND LEWIS
1000 Provident Building
Philadelphia 3, Pa.

*(deceased)

Administration

HUGH BORTON	<i>President</i>
B.S., Haverford College; A.M., Columbia University; Ph.D., University of Leyden.	
ARCHIBALD MACINTOSH	<i>Vice President and Director of Admissions</i>
B.A., Haverford College; M.A., Columbia University; Ph.D., University of Pennsylvania, LL.D., Haverford College	
WALTER C. BAKER	<i>Vice President for Development</i>
B.A., Haverford College	
WILLIAM EDWARD CADBURY, JR.	<i>Dean</i>
B.S. and M.A., Haverford College; Ph.D., University of Pennsylvania	
ALDO CASELLI	<i>Comptroller and Business Manager</i>
D.S.E. and C., University of Naples	
MRS. EDYTHA M. CARR	<i>Registrar</i>
JOHN ASHBY LESTER, JR.	<i>Librarian</i>
B.S., Haverford College; A.M. and Ph.D., Harvard University	
THOMAS EDWARD DRAKE	<i>Curator of the Quaker Collection</i>
A.B., Stanford University; A.M., University of Michigan; Ph.D., Yale University	
LOUIS CRAIG GREEN	<i>Director of the Strawbridge Memorial Observatory</i>
A.B., A.M. and Ph.D., Princeton University	
WILLIAM WOLTER LANDER	<i>Physician</i>
B.S., Ursinus College; M.D., University of Pennsylvania	
MRS. MIRIAM R. NUGENT	<i>Dietitian</i>
B.S., New York University.	
CHARLES PERRY	<i>Associate Director for Development</i>
B.A., Haverford College; M.S.S., Bryn Mawr College	
WILLIAM WEBSTER AMBLER	<i>Assistant Director of Admissions</i>
B.A., Haverford College	
MRS. PATRICIA R. MACKINNON	<i>Publicity Officer</i>
B.A., Bryn Mawr College	
BERTHA KRATZ	<i>Resident Nurse</i>
R.N., Stetson Hospital	
BENNETT SMEDLEY COOPER	<i>Alumni Secretary and Assistant to the President</i>
B.S., Haverford College	
GERTRUDE MANN WONSON	<i>Secretary to the Director of Admissions</i>
B.S., Simmons College	
MRS. KATHARINE M. CARTER	<i>Secretary to the President</i>
A.B., Wilson College	
MRS. FLORENCE N. ANDREWS	<i>Secretary to the Dean</i>

THE CORPORATION OF HAVERFORD COLLEGE

Philadelphia, 10th Month 28, 1958

TO THE BOARD OF MANAGERS AND THE CORPORATION

Your Treasurer is pleased to present his report for the fiscal year ending August 31, 1958. The accounts of the Treasurer and Comptroller were duly audited by Lawrence E. Brown & Company and their report is attached.

For forty two years Jonathan M. Steere was a member of the Finance Committee of the college, for thirty of those years he was chairman of that committee. His wise, prudent and perspicacious leadership in the field of investments have contributed very largely to the healthy condition of our present portfolio. His judgements were acute and sound, his sense of humor was never failing, and his devotion to the college was deep and life long. That he will be missed is an understatement, especially to us who worked so closely with him, but it is good to think of his immeasurable services to Haverford over the past decades.

The cost of operating the college increased again, this year by over one hundred thousand dollars. A large portion of this was another upward revision of faculty salaries. Fortunately our income also increased, tuition was up, endowment income increased by \$22,000 and the previous year's annual giving yielded \$58,137 so that we closed this year in the black with a minute balance of \$824.80. For the first time in order to balance the budget we are dependent on alumni support. This I am glad to say has been generously given; indeed the result for the past year (and available for this year's operation) has shown a gratifying increase over the year just stated. Total income from invested funds was \$625,563 as contrasted with \$608,952 in 1957, of this amount \$483,353 was applicable to the budget for operations of the college, the balance being distributed to the various special funds for the purposes specified.

Besides annual giving we note with appreciation the increase in individual, corporate and foundation gifts. This year those received for general use and scholarship purposes were \$71,225 and for faculty projects and research \$48,461.

In accordance with the Board's wish to encourage faculty research, a fund was established last year of \$10,000 from the college budget to which was added \$5,839 by other donors and \$4,483 a special appropriation also from the budget. This fund has found many outlets and has proved a happy stimulation to the faculty.

Another special fund now in its third year of operation is that for reimbursement to faculty and administration members for unusually heavy medical expenses. At the suggestion of the faculty this plan was inaugurated in the fall of 1955, in lieu of a direct increase in compensation, by an appropriation of \$5,000 and a gift of \$5,000; it is supported by annual additions from the budget of \$5,000. The operation of the fund is proceeding in a satisfactory manner, and a reserve is gradually being accumulated. This fund, together with the plan for medical care, serves to relieve the faculty from worry over medical expenses.

To take care of our faithful employees who are not members of the faculty, we set up some years ago a non faculty pension account. This account based on actuarial computation has now reached comfortable proportions having a reserve of \$76,118 and serves as another anchor to windward for our employees.

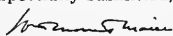
For the first time this year we have set forth in the report a balance sheet, intentionally this does not attempt to place a value on the college buildings and grounds (except faculty houses). These have all been long since paid for and stand on the college books at no value. Any figure that might be selected as a valuation would be entirely arbitrary and open to question and in your Treasurer's opinion, would serve no useful purpose. This statement sharpens the focus on one interesting phase of our present financial picture, namely the ability to increase our income by the investment of current funds, this year such investment resulted in income of \$13,347.

The total book value of all of the funds and trusts under the care of the college was on August 31st, \$12,099,481 and the total market value was on that date \$17,332,637. The overall rate of return on book value was 6% an increase of 2/10ths percent over last year and on market 4.2% an increase of 1/10th percent over the previous year. The value of campus real estate (faculty houses) was not included in computing the rate of return. As has been pointed out in previous reports, while this item is included in our investment portfolio, for obvious reasons it should not be treated as a typical investment; the rents charged faculty members are so low as to make the rate, instead of the overall 4.2% as stated, at less than 1/2 of 1%.

The Consolidated Investments account with book value of \$8,733,482 and a market value of \$12,073,602 is the only one of our funds and trusts free of investment provisions and is therefore taken to show the break down in securities; in it we hold 44% of common stocks on book value and 60.5% on market value. It is a paradoxical time for investments where the yield is greater on high grade bonds than on high grade common stocks, and yet to take refuge in such bonds for the sake of income, denies the growth needed if we are to keep pace in our endowment income with increasing costs and inflation.

This upward spiral of educational costs seems likely to continue. To meet it and balance our budget we must look to three sources of additional income: increased tuition, increased annual giving and increased income from endowment. The administration labors with the first, the alumni with the second, but let us all seek how we can bring new money to the college by gift or bequest.

Respectfully submitted,



Wm. Morris Maier, Treasurer

STATEMENT OF ASSETS
BALANCE SHEET

ASSETS

Current

Cash, General Funds	\$ 41,659.16	
Trust Fund Income	<u>70,058.16</u>	\$ 111,717.32
Due from Endowment, Cash overinvested		271,827.39
Accounts Receivable, loans etc.		64,822.22
Prepaid Insurance, Expenses, etc.		78,573.33
Inventories		28,571.76
New construction unfunded		18,421.10
Over expended special purpose funds	<u>5,851.27</u>	\$ 579,784.39

Endowment

Investments: Bonds, stocks and mortgages		\$10,377,714.38
Perpetual fire insurance deposits		8,848.60
Notes receivable		4,750.00
Investment in College real estate	<u>624,503.92</u>	<u>\$11,015,816.90</u>

Trust Funds

Investments: Common stocks	\$ 1,140,281.71	
Cash uninvested	<u>2,502.37</u>	1,142,784.08

Plant

Land, buildings, improvements, furniture and equipment		0
		<u><u>\$12,738,385.37</u></u>

ILITIES AND FUNDS

UGUST 31, 1958

LIABILITIES

Current

Federal withholding and social security taxes payable	\$ 16,297.55
Trust fund income due other institutions	29,554.63
Advance receipts for following year	30,406.18

Reserves

For operational expenditures	\$ 32,515.98	
Pensions, Non-faculty	76,118.35	
Death Benefits, Non-faculty	7,200.00	
Medical Reimbursement Plan	11,650.01	
Faculty Research Fund	10,414.81	
Library Replacements	3,017.73	
Miscellaneous	806.98	
Income Reserve Account	<u>103,859.25</u>	245,583.11

Donations

For operations of following year		
Alumni Annual Giving	\$ 70,330.61	
For special purposes	<u>45,414.74</u>	115,745.35

Unexpended balance of income

From endowment funds for special purposes	\$ 71,492.25	
From trust funds	<u>40,569.15</u>	112,061.40

Trust fund principal for building program	<u>30,136.17</u>	\$ 579,784.39
---	------------------	---------------

Endowment

For General Purposes	\$ 6,025,198.22	
For Wistar Brown Graduate School	384,652.34	
For Morris Infirmary	14,712.94	
For Haverford Union	1,878.82	
For Scholarships	494,239.11	
For Library	337,005.44	
For Old Style Pensions	261,422.49	
For Special Purposes	102,329.50	
Augustus Taber Murray Research Scholarship Fund	24,563.66	
John Farnum Memorial Fund	33,226.06	
William Pyle Philips Fund	2,202,775.93	
C. Wharton Stork Art Gift Fund	23,200.00	
Undistributed Gain - Consolidated Investments Account	<u>838,785.00</u>	
	\$10,743,989.51	
Due to Current Funds - Cash overinvested	<u>271,827.39</u>	<u>11,015,816.90</u>

Trust Funds

William Maul Measey Trust	1,142,784.08
---------------------------	--------------

Plant

Land, buildings, improvements, furniture and equipment	0
	<u>\$12,738,385.37</u>

THE CORPORATION OF HAVERFORD COLLEGE

OPERATING STATEMENT

For the Year ending August 31, 1958

RECEIPTS at College - Applicable to Budget

Tuition			
Cash	\$ 278,301.58		
Scholarship Funds	55,369.60		
Measey Trust - Scholarships	32,520.00		
Scholarships from Donations	<u>19,200.12</u>	\$ 385,391.30	
Board		185,526.70	
Room		94,725.00	
Re-examination		25.00	
Board & Room from Non-Students		52,057.25	
Miscellaneous Receipts		<u>52,373.76</u>	\$ 770,099.01

Income from Funds - Applicable to Budget

Consolidated Investments - General Funds		\$ 408,275.25	
Wm. Pyle Philips Fund - General		51,371.25	
John Farnum Memorial Fund		1,725.30	
Stork Art Gift Fund		247.36	
Current Funds - Invested		13,347.33	
From Trusts:			
Henry C. Brown	\$ 6,478.34		
Nathan Branson Hill	123.59		
W. Percy Simpson	<u>1,784.87</u>	<u>8,386.80</u>	483,353.29

Donations Applicable to Budget

From General Purposes	\$ 34,824.28	
From Annual Giving	<u>58,137.66</u>	92,961.94

<u>Interest Received</u>		<u>2,131.36</u>
		\$ 1,348,545.60

EXPENSES of Running the College

Administration	\$ 189,003.85	
Educational Department	588,174.22	
Maintenance & Operations	232,423.65	
Dining Room & Kitchen	221,727.74	
Development	<u>36,629.66</u>	\$ 1,267,959.12

Miscellaneous Expenses

Treasurer's, Secretary's, Legal & Board expenses & services	\$ 12,607.62	
Old Style Pensions	27,299.92	
Interest paid	1,776.33	
Working Aid to Students	7,552.55	
Non-Faculty Pensions & Reserves	13,842.26	
Non-Faculty Death Benefit Reserve	2,200.00	
Faculty Research Fund	<u>14,483.00</u>	<u>79,761.68</u>
		\$ 1,347,720.80

Operating Surplus added to Reserve Fund		<u>\$ 824.80</u>
---	--	------------------

INCOME RESERVE ACCOUNT

AUGUST 31, 1958

Balance in Reserve August 31, 1957	\$103,034.45
Operating Surplus for year 1957-1958	824.80
TOTAL INCOME RESERVE AUGUST 31, 1958	<u>\$103,859.25</u>

NON - FACULTY PENSIONS ACCOUNT

RECEIPTS

Balance September 1, 1957	\$ 65,193.15
Composed of reserves and interest accumulated	
Added:	
Yearly payments for future and past services	\$ 7,688.00
On account of payments to retired persons	3,819.00
1956-1957 adjustment by Board approval	2,335.26
Interest	<u>1,688.21</u>
	\$ 80,723.62

EXPENDITURES

Pensions paid to nine persons:	
William Anderson, Mabel Beard, Alfred J. Harris, Anna Hewitt, Walter Muraski, Mary Norris, J. Otto Rantz, Emanuel Strothers, Henry Wilson	<u>4,605.27</u>
Balance August 31, 1958	<u>\$ 76,118.35</u>

REPORT ON CONSOLIDATED FUNDS

12

PRINCIPAL

[illegible]

REPORT ON CONSOLIDATED FUNDS

PRINCIPAL			INCOME					Special Income Summary
Book Value	Increase	Decrease	Book Value	Net Income	Expended	Special	Cr. Balance 8/31/58	
9/1/57			9/1/57					
\$291,797.04	\$5,799.32		\$297,596.36	\$18,427.23		\$15,033.96	\$11,385.63	
5,000.00			5,000.00			252.20	167.90	
30,000.00			30,000.00			1,200.00	1,275.93	
3,000.00			3,000.00			300.00	132.06	
10,000.00			10,000.00			590.00	333.06	
15,000.00			15,000.00			700.00	510.29	
2,700.00			2,700.00			300.00	88.86	
49,449.29	812.51		49,461.80			3,125.06	1,044.33	
13,549.88	560.96		14,110.84			860.96	-0-	
25,000.00			25,000.00			1,200.00	1,164.44	
6,245.11			6,245.11			396.81	207.25	
5,000.00			5,000.00			317.70	170.02	
6,000.00			6,000.00			381.24	203.83	
10,000.00			10,000.00			635.40	1,809.64	
2,000.00	1,000.00		3,000.00			1,166.09	287.47	\$23,304.72
11,275.00	650.00		11,925.00			153.56	829.54	1,052.79
\$485,416.32	\$8,822.79		\$494,239.11	\$32,477.47		\$24,357.51	\$19,610.25	
\$17,435.06			\$17,435.06					
68,149.03	\$29.77		68,178.80			\$29.77	\$-	
5,000.00			5,000.00			4,300.43	-0-	
20,306.74			20,306.74			317.70	349.88	
173,078.14			173,078.14			1,290.29	2,594.58	
635.47			635.47			10,997.38	-0-	
1,002.34			1,002.34			40.38	92.37	
6,550.00			6,550.00			63.69	151.36	
1,253.52			1,253.52			416.19	695.92	
600.00			600.00			79.65	287.95	
1,500.00			1,500.00			38.12	31.53	
5,000.00			5,000.00			95.31	689.67	\$260.01
36,235.13	230.24		36,465.37			317.70	2,434.65	
\$336,745.43	\$260.01		\$337,005.44	\$2,302.38		\$10,375.22	592.25	10,115.21
\$41,237.08			\$41,237.08			\$2,620.20	\$8,240.16	
36,758.66			36,758.66			2,335.65		
68,113.78			68,113.78			4,327.95		
3,272.24			3,272.24			207.92		
112,040.73			112,040.73			7,119.07		
\$261,422.49			\$261,422.49	\$16,610.79		\$16,610.79		
\$5,248.00			\$5,248.00			\$333.46		\$109.13
1,126.75			1,126.75			71.59		13.40
\$6,374.75			\$6,374.75	\$405.05		\$681.22		137.67
								\$246.80

PRINCIPAL			INCOME				Special Income Summary
Book Value 9/1/57	Increase	Decrease	Book Value 8/31/58	Balance 9/1/57	Net Income	Special	Cr. Balance 8/31/58
\$ 6,374.75			\$6,347.75				
2,247.87			2,247.87	\$ 522.97	\$ 405.05	\$ 681.22	\$ 246.80
9,227.07			9,227.07	\$ 1,843.30	1,842.84	450.00	1,986.14
2,296.88			2,296.88	1,130.46	586.29	50.00	1,266.75
1,727.00			1,727.00	521.02	145.95	95.00	571.97
2,546.88			2,546.88	1,437.55	109.73	50.00	1,497.29
5,120.30			5,120.30	58.47	161.83	91.23	129.07
4,087.37	\$ 195.39		4,087.37	21.69	325.34	536.96	-189.93
2,155.00			2,155.00		245.39	195.39	-0-
1,397.75			1,397.75	656.12	136.93	50.00	739.05
2,400.00			2,400.00	62.49	152.50	50.00	101.30
9,362.75			9,362.75	429.94	594.91	1,582.80	-557.95
2,000.00			2,000.00	983.35	127.08	50.00	1,060.43
1,000.00			1,000.00		63.54	20.00	
3,839.54			3,839.54	903.55	280.00	625.33	801.58
6,742.20	365.40		7,107.60		428.40	63.00	365.40
1,567.62	41.61		1,609.23		99.61	41.61	158.02
2,491.50			2,491.50	407.88	136.31	58.00	566.19
7,000.00			7,000.00	444.78	993.78	249.66	1,188.90
142.90			142.90	35.89	9.08	10.00	34.97
6,315.00			6,315.00	48.41	401.26	449.67	625.93
1,006.50			1,006.50	137.56	63.95	50.00	151.51
852.55	50.00		902.55	224.18	56.16		\$602.40
14,043.62			14,043.62	2,398.80	892.33		104.63
1,457.44			1,457.44	378.77	92.61	400.00	867.48
500.00			500.00	80.85	31.77	25.00	508.00
4,000.00			4,000.00		70.60		508.00
\$7,677.10	\$4,652.40		\$12,329.50	\$13,277.04	\$6,559.01	\$5,741.20	450.00
							2,119.76
							625.93
							63.00
							63.00
							400.00
							70.60
							\$13,452.65

[illegible]

		Book Value	Increased	Decreased	Book Value	Net Income
		9/1/57	\$/31/58			
NOTE: Key to Figures						
1.	Scholarships					
2.	Income to Principal					
3.	Annuity		\$6,103.37	\$21,850.74	\$6,025,198.22	\$395,301.10
4.	Books & Library		382,223.69	2,428.65	384,652.34	24,286.49
5.	Lectures		14,712.94		14,712.94	931.86
6.	Prizes		1,878.82		1,878.82	115.38
7.	Religious Education Committee		485,416.32	8,822.79	494,239.11	32,477.47
8.	Plans & Services		336,745.43	260.01	337,005.44	21,396.81
9.	Equipment & Expenses		261,422.49		261,422.49	16,610.79
10.	Work Camp Fees		97,677.10	4,652.40	102,329.50	6,555.01
11.	Physical Education					
12.	Visitors		802,913.19	35,871.81	838,785.00	13,347.33
13.	Miscellaneous					
	Total Consolidated Funds	\$8,486,337.46	\$73,866.40	\$100,000.00	\$8,460,223.86	\$511,033.24
	Total Non-Consolidated Funds	2,255,093.27	9,472.38	4,000.00	2,260,565.65	111,283.36
	Total Funds	\$10,741,430.73	\$83,338.78	\$104,720.78	\$10,720,789.51	\$625,316.60

Net gains on securities sold & called:	
Consolidated Investments	35,871.81
Wm. Pyle Phillips Investments	9,128.62
	\$45,355.78
Net gains on securities sold & called:	
Consolidated Investments	35,871.81
Wm. Pyle Phillips Investments	9,128.62
	\$45,355.78

INCOME RETURN: The net income return after allowing custodian fees to our fiscal agent was 6% on book value of investments at end of year, (does not include Campus Real Estate)

CLASSIFICATION OF INVESTMENTS

AUGUST 31, 1958

<u>BONDS</u>	<u>CONSOLIDATED ACCOUNT</u>			<u>NON-CONSOLIDATED ACCOUNT</u>		
	<u>BOOK VALUE</u>	<u>TOTAL</u>	<u>MARKET VALUE</u>	<u>BOOK VALUE</u>	<u>TOTAL</u>	<u>MARKET VALUE</u>
Government, U. S.	\$ 15,189.06		\$ 13,800	-0-		-0-
Industrial	576,175.93		583,572	\$ 92,367.00		\$ 95,890
Public Utility	779,097.93		779,460	92,012.50		93,890
Railroad	706,064.65		613,240	226,559.63		204,001
Inst. of Govt.	167,671.88	\$ 2,244,199.45	167,800	-0-	\$ 410,939.13	-0-
						\$ 393,781
<u>PREFERRED STOCK</u>						
Industrial	\$1,059,422.24		\$1,103,370	\$ 12.72		\$ 13
Public Utility	619,397.97		570,900	-0-		-0-
Railroad	224,315.71	\$ 1,903,135.92	233,500	15,467.75	\$ 15,480.47	18,000
						\$ 18,013
<u>COMMON STOCK</u>						
Banks & Insurance	\$ 727,650.23		\$ 1,394,398	\$ 142,395.54		\$ 172,040
Industrial	1,635,561.18		3,564,622	1,176,412.79		1,968,773
Public Utility	1,311,262.72		1,993,227	454,796.73		810,415
Railroad	162,800.88		190,520	6,475.45		7,625
Miscellaneous	51,380.00	\$ 3,888,655.01	181,300	19,219.83	\$ 1,799,300.34	33,600
						\$ 2,992,453
<u>MORTGAGES</u>						
		\$ 59,390.00		\$ 59,390		
<u>MISCELLANEOUS</u>						
College Real Estate	\$ 624,503.92			\$ 624,503		
Miscellaneous	13,598.60	\$ 638,102.52		13,598		
				(273,259)	34,845.71	34,845
<u>CASH</u> —	over-invested	(273,259.04)				
		\$8,460,223.86		\$11,813,941	\$ 2,260,565.65	\$ 3,439,092

Note: There is also held \$56,614.06 Banks & Insurance Company stock not included in the above figures, being holdings in C. WHARTON STORK ART GIFT FUND, which is not included in the Funds. This fund had an overdraft in principal cash of \$33,414.06.

SUMMARY OF THE ACCOUNTS OF
THE CORPORATION OF HAVERFORD COLLEGE

WM. MORRIS MAIER, TREASURER

ALDO CASELLI, COMPTROLLER

For the Year ending Eighth Month 31, 1958

Income from Endowment Funds Consolidated

Funds for General Purposes	\$ 395,301.10	
T. Wistar Brown Graduate Sch. Fd.	24,286.49	
Morris Infirmary Funds	934.86	
Haverford Union Funds	119.38	
Scholarship Funds	32,477.47	
Library Funds	21,396.81	
Old Style Pensions Funds	16,610.79	
Special Purpose Funds	6,559.01	
Current Funds - Invested	<u>13,347.33</u>	\$ 511,033.24

Income from Non-Consolidated Funds

John Farnum Memorial Fund	\$ 1,725.30		
Augustus Taber Murray Research Scholarship Fund	1,323.76		
Charles Wharton Stork Art Gift Fd.	247.36		
Henry C. Brown Trust	6,478.34		
W. Percy Simpson Trust	1,784.87		
Nathan Branson Hill Trust	123.59		
William Pyle Philips Fund	<u>102,847.50</u>	<u>114,530.72</u>	\$ 625,563.96

Income from College Sources

Tuition and Dropped Courses	\$ 385,391.30	
Board	185,526.70	
Room	94,725.00	
Re-examination	25.00	
Board & Room from Non-Students:		
Rent	\$ 2,719.00	
Rooms: Guests, Alumni, Faculty & Employees	4,144.00	
Meals: Day Students	2,847.99	
Faculty, Special Events Guests & Employees	28,092.20	
Summer Conferences	<u>14,254.06</u>	\$ 52,057.25

Miscellaneous Collections

Snack Bar	\$ 375.19
Bookstore	5,441.10
Infirmary	475.85
Fines	972.00
Transcripts	783.00
Sale of wood	364.86
Rent of truck & land	932.61

Forward \$ 625,563.96

Forward. \$ 625,563.96

Miscellaneous Collections (continued)

Admissions to games	\$ 1,940.64		
Sundry Collections.	3,414.66		
Discounts earned.	395.63		
Overhead for Research Projects	3,031.28		
T. A. Benham's Project	2,293.51		
Overhead in connection with work done for outsiders	173.27		
Overhead granted by certain corporation scholarships	7,700.00		
Unit Fee	14,065.16		
Rental of Dining Room	7,000.00		
Currency found on Campus	15.00		
From Philips Account for Public Relations Cost	3,000.00	\$ 52,373.76	\$ 770,099.01

Interest Received 2,131.36

Donations for Additions to Funds
(as per schedule). 29,347.50

Donations other than Funds

For General Purposes:

From John B. Barker	\$ 19.99	
" William T. Brewster.	85.70	
" The Budd Company.	308.00	
" E. I. duPont de Nemours & Co.	1,500.00	
" Measey Trust	5,696.04	
" Thomas W. Elkinton	10,000.00	
" Gilbert H. Marquardt	500.00	
" Phila. Quartz Co.	5,000.00	
" Fred Rodell.	100.00	
" John G. Wallace.	8.00	
" Yarnall Waring Co.	1,500.00	
" Foundation for Independent Colleges (Penna)	7,026.55	
" Equitable Life Assurance of the U. S.	1,000.00	
" Westinghouse Educational Foundation	1,500.00	
" Legh W. Reid.	580.00	\$ 34,824.28

For Scholarships:

From City of Phila.	\$ 600.00
" Friends Freedman Assn.	3,200.00
" National Merit Corp.	7,225.00
" General Motors Corp.	2,250.00
" Haverford Society of Maryland	850.00
" Haverford Society of New England.	525.00
" Abbott Foundation.	750.00

Forward. \$1,427,141.83

Forward. \$1,427,141.83

Donations other than Funds (continued)

From Christian R. & Mary Lindback Foundation.	\$ 1,000.00	
" Haverford Township High School	250.00	
" J. Fred Lissfelt.	100.00	
" National Scholarship Service & Fund for Negro Students.	300.00	
" Mary Frances Nunnes.	1,000.00	
" Public Welfare Foundation.	700.00	
" John F. Rich.	1,000.00	
" Smith College.	800.00	
" Students Association of Haverford College.	766.15	
" Town of Needham, Mass.	165.00	
" Upper Darby Senior High School.	400.00	
" Westtown School.	200.00	
" Katherine H. & Martin M. Decker Foundation.	1,000.00	
" Union Carbide Corp.	6,440.00	
" Guggenheim Foundation.	700.00	
" Scott Paper Foundation.	3,000.00	
" Board of Education (Phila.)	3,000.00	
" Class of 1952.	<u>200.00</u>	\$ 36,421.15

For Music:

From Friends of Music.	\$ 762.50	
" Collections at concerts.	79.85	
" College Budget.	128.37	\$ 970.72

For Books & Library:

From Hugh Borton.	\$ 5.00	
" Margaret Conklin.	100.00	
" John Anson Kittredge Educational Fund.	250.00	
" Joseph P. Morris, Jr.	50.00	
" Library Associates.	969.50	
" Shoemaker Foundation.	3,000.00	
" College Budget.	141.95	
" Matzke Royalties.	29.54	
" E. Pomerantz.	5.00	
" Class of 1958.	87.69	
" C. M. Leininger.	<u>25.00</u>	\$ 4,663.68

For Campus Club 4.00

For Radio Club:

From interest 88.12

For Faculty Publications 5,339.00

For Trees and Grounds:

From Edward Woolman. 1,800.00

For William E. Lunt Memorial 789.00

For William Boteler Memorial Fund:

From Charles M. Boteler.	\$ 1,070.00	
" Beta Rho Sigma.	1,367.99	
" Madeline N. Blackwood.	50.00	
" Daniel H. Wagner.	<u>10.00</u>	2,497.99

Forward. \$1,427,141.83

Forward. \$1,427,141.83

For Faculty Projects:

From Esso Foundation	\$3,000.57	
" Ira Reid	463.56	
" Lemonick Project	316.90	
" Shell Company Foundation	1,500.00	
" College Budget	135.90	
" National Science Foundation	2,100.00	
" National Science Foundation - Santer	1,900.00	
" National Science Foundation - Loewy	2,200.00	
" National Science Foundation - Finger	9,300.00	
" The DuPont Company	2,500.00	
" National Heart Institute - Loewy	758.88	
" National Health Institute - Mrs. Green	13,500.00	
" National Health Institute - Santer	3,685.00	
" College Budget - Williams	4,483.00	
" Atomic Energy Commission	1,265.00	
" Christine R. & Mary F. Lindback Foundation	2,000.00	
" Miss Caroline Newton	250.00	
" Research Corporation	3,500.00	
" Catherwood Foundation	<u>1,000.00</u>	\$53,858.81

For Anniversary Gifts:

From Various donors 9,124.30

For Alumni Association

From Alumni Association 5,477.00 \$ 155,858.05

For Annual Giving

From Alumni Fund 82,952.27

For Human Relations (dividends) 162.00

Additions to Funds - Income transferred
to Principal

1949 Campaign Salary Fund	\$1,186.83	
Rufus M. Jones Fund For Advancement of Teaching	2,351.47	
1949 Campaign Library Fund	230.24	
1949 Campaign Scholarship Fund	312.51	
Moses Brown Fund	2,428.65	
J. Horace Cook Fund	784.94	
Mary Farnum Brown Library Fund	29.77	
Max Leuchter Scholarship Fund	560.96	
Isaac Thorne Johnson Scholarship Fund	179.32	
Augustus Taber Murray Scholarship Fund	343.76	
George Peirre Prize Fund	195.39	
Jacob & Eugenie Bucky Memorial Foundation	365.40	
Mathematics Department Prize Fund	<u>41.61</u>	\$ 9,010.85

Forward. \$1,675,125.00

Forward		\$ 1,675,125.00	
<u>Reserve for Non-Faculty Pensions (see account)</u>			
Pensions	\$ 13,842.26		
Interest	<u>1,688.21</u>	\$ 15,530.47	
Death Benefit for Non-Faculty			2,200.00
<u>Faculty Research Fund</u>			
Donations for research	\$ 5,339.00		
From Shell Company	500.00		
" Budget	<u>14,483.00</u>	\$ 20,322.00	
<u>Medical Reimbursement Plan</u>			
From Budget	\$ 5,000.00		
Advances	2,200.00	\$ 7,200.00	
<u>New Construction</u>			
From Corporation of Haverford College	\$133,000.00		
Reserve from Building Fund	4,000.00		
From Edward Hawkins Fund	<u>400.00</u>	\$ 137,400.00	
<u>Miscellaneous Items to Balance Accounts</u>			
Library Collections	\$ 5,026.90		
Skating Pond Receipts	956.50		
Taxes Withheld	143,352.90		
Sales Tax Collections	1,735.18		
In & Out	892.98		
Collections from Faculty, Students & others for work in Progress	4,946.24		
Student Store - gross sales	20,584.11		
Loans repaid	6,580.70		
Student Affairs	559.54		
Bookstore - Collections	61,730.36		
Accounts Receivable - Students	837,801.07		
Accounts Receivable - Employees	85,670.19		
Accounts Receivable - U. S. Government	42,877.27		
Measey Trust - Receipts	32,585.62		
Treasurer's In & Out	<u>45,136.17</u>	\$ 1,290,435.73	
<u>Items Relating to other Fiscal Years</u>			
Advance receipts for following year	\$11,004.43		
Rooms paid in advance	4,401.75		
Expenses for following years	36,772.57		
Prepaid Insurance	12,024.00		
Accounts Payable	32,515.98		
Inventories	<u>12,253.68</u>	108,972.41	
<u>Investments Realized</u>			
<u>Consolidated Investments</u>			
Bonds - Government	\$188,250.00		
Industrial	4,135.12		
Public Utility	20,021.09		
Railroad	55,000.00		
Inst. of Govt.	60,075.00		
Forward		<u>\$3,257,185.61</u>	

Forward. \$3,257,185.61

Investments Realized (continued)

<u>Preferred Stock</u> - Industrial.	\$ 2,498.00	
<u>Common Stock</u> - Industrial.	105,968.46	
Public Utility	120,772.67	
Railroad	7,868.45	
<u>Mortgages</u> - Payments made	29,858.16	
<u>College Real Estate</u>	10,602.52	
<u>Miscellaneous</u>	<u>11,099.96</u>	\$ 616,149.43

William Pyle Phillips Investments

<u>Preferred Stock</u> - Industrial.	\$ 30,000.00	
<u>Common Stock</u> - Industrial.	22,046.70	
Public Utility	<u>48.15</u>	\$ 52,094.85

John Farnum Memorial Fund 725.00 \$ 668,969.28

Balances September 1, 1957

Treasurer's Account	\$ 80,724.72	
President's Account.	<u>12,198.89</u>	<u>92,923.61</u>

TOTAL RECEIPTS

\$4,019,078.50

EXPENDITURES

1957-1958

Expenses of running the College

Administration

Salaries	\$ 124,290.24	
Supplies & Postage	10,370.41	
Services	5,959.22	
Telephone & Telegraph	2,614.53	
Replacement & Repair	1,955.62	
Additional Equipment	759.42	
Taxes	2,049.19	
Insurance	358.94	
Traveling	1,902.80	
Public Relations	5,742.36	
Printing	9,213.72	
Entertainment	4,435.06	
Not Elsewhere Classified	<u>19,352.34</u>	\$ 189,003.85

Educational Departments

Salaries	\$ 531,427.91	
Supplies & Postage	26,329.42	
Services	5,283.92	
Water, Heat, Light & Power	23.19	
Telephone & Telegraph	3,403.49	
Replacement & Repair	1,127.98	
Taxes	7,384.11	
Insurance	1,640.08	
Traveling	5,695.01	
Not Elsewhere Classified	<u>5,859.11</u>	588,174.22

Maintenance & Operation

Salaries	118,938.63	
Supplies & Postage	12,979.66	
Contracts	11,350.05	
Water, Heat, Light & Power	48,380.68	
Telephone	948.67	
Replacement & Repair	28,307.95	
Small Tools & Equipment	1,638.67	
Taxes	10,851.85	
Insurance	8,208.92	
Not Elsewhere Classified-credit	<u>9,181.43</u>	232,423.65

Kitchen

Salaries	61,971.56	
Supplies & Postage	125,996.70	
Services	11,052.44	
Water, Heat, Light & Power	6,964.28	
Telephone & Telegraph	332.42	
Replacement & Repair	13,656.26	
Taxes	1,159.44	
Insurance	182.65	
Traveling	<u>411.99</u>	221,727.74

Forward \$ 1,231,329.46

Forward \$ 1,231,329.46

Expenses of running the College (continued)

Development

Salaries	\$ 26,329.04		
Supplies & Postage	6,586.54		
Services	1,494.63		
Telephone & Telegraph	382.12		
Replacement & Repair	637.58		
Taxes	421.90		
Insurance	71.32		
Traveling	706.53	\$ 36,629.66	\$ 1,267,959.12

Miscellaneous Expenses

Treasurer's, Secretary's Legal & Board Expenses and Services	\$ 12,607.62		
Old Style Pensions	27,299.92		
Interest	1,776.33		
Work Aid to Students	7,552.55		
Pensions to Non-Faculty & Reserve	13,842.26		
Reserve for Death Benefit for Non-Faculty	2,200.00		65,278.68

Expenditures from Income of Funds

Scholarships

From General Funds	\$ 33,598.54		
" Scholarship Funds	22,304.72		
For Graduate Fellowships	1,500.00		
" Clementine Cope Fellowships	1,000.00		
" Annuity	261.00		58,664.26

Expenditures from Income of Augustus

Taber Murray Fund

Annuity			980.00
-------------------	--	--	--------

Expenditures from Income of Funds for Library

Books			10,115.21
-----------------	--	--	-----------

Expenditures from Income of Funds for

Special Purposes

Lectures	\$ 867.48		
Prizes	508.00		
Books	104.63		
Trees & Plants	2,119.76		
Strawbridge Observatory	625.93		
Work Camp fees	63.00		
Physical Education	400.00		
Religious Education	450.00		5,138.80

Expenditures from Principal of Funds

For Building Program			100,000.00
Forward			\$ 1,508,136.07

Forward.		\$ 1,508,136.07	
<u>Expenditures from Principal of</u>			
<u>Wm. Pyle Philips Fund</u>			
Payment made in accordance with			
agreement with Executors.			4,000.00
<u>Expenditures from W. Pyle Philips</u>			
<u>Fund - Special</u>			
Visitors.	\$	21,322.04	
Books & Library		15,213.30	
Miscellaneous.		<u>11,241.93</u>	47,777.27
<u>Expenditures from Donations other than Funds</u>			
For Scholarships.	\$	35,875.12	
" Music		1,013.73	
" Athletics		92.84	
" Books & Library		6,134.30	
" Loans		220.00	
" Trees and Grounds		1,800.00	
" Lunt Memorial		1.80	
" Faculty Research		5,339.00	
" Wm. Boteler Memorial.		2,497.99	
For Faculty Projects:			
" Santer		3,125.84	
" Chemistry		8,288.77	
" Physics		321.60	
" Lemonick.		2,323.80	
" Green		2,056.95	
" Loewy		9,159.74	
" Selove		10,087.12	
" Mathematics.		917.85	
" Finger.		10,322.23	
" Mrs. Green		9,858.29	
" Williams		3,685.12	
" Sundry.		3,825.60	
" Anniversary gifts		16,636.19	
" Alumni Fund Salaries.		<u>5,477.00</u>	\$ 139,060.88
For support of Alumni Association.		<u>12,621.66</u>	151,682.54
<u>Non-Faculty Pensions</u>			
Paid from Reserves.			4,605.27
<u>Faculty Research Fund</u>			
Paid out.	\$	9,907.19	
For reserve.		<u>14,483.00</u>	24,390.19
<u>Medical Reimbursement Plan</u>			
Benefits paid			3,189.32
<u>New Construction</u>			
			46,843.74
<u>Miscellaneous Items to Balance Accounts</u>			
Over & Short	\$	50.00	
Library Replacements		2,475.01	
Skating Pond Improvements & salaries		1,040.36	
Taxes withheld and paid		141,271.61	
Forward.			<u>\$ 1,790,624.40</u>

Forward. \$1,790,624.40

Miscellaneous Items to Balance Accounts (continued)

Sales taxes paid	\$ 1,754.14	
In & Out.	2,179.48	
Work in Progress	5,030.71	
Student Store - expenses	22,896.21	
Student Affairs	361.18	
Bookstore - purchases & operations	63,077.55	
Accounts Receivable from Students-charges.	837,042.92	
Accounts Receivable from Employees-charges.	55,692.60	
Account Receivable from U. S. Government-charges	23,888.47	
Measey Trust - applied.	<u>32,520.00</u>	1,189,280.24

Items Relating to other Fiscal Years

Advance receipts - applied.	\$ 18,259.03	
Rooms paid in advance - applied.	4,696.10	
Expenses for following years - applied.	67,494.10	
Prepaid Insurance.	2,804.70	
Accounts Payable	49,926.20	
Inventories.	<u>11,830.81</u>	155,010.94

Income transferred to Principal

(see receipts for items) 9,010.85

Investments made or donated

Consolidated Investments

<u>Bonds</u> - Industrial.	\$ 130,216.75	
Public Utility	244,166.15	
Railroad.	4,569.10	
Inst. of Govt.	110,710.94	
<u>Common Stock</u> - Banks & Insurance	10,160.32	
Industrial.	122,604.91	
Public Utility	101,718.21	
<u>Mortgages.</u>	8,500.00	
<u>College Real Estate</u>	<u>64,148.79</u>	\$ 796,795.17

William Pyle Philips Investments

<u>Common Stock</u> - Industrial	\$ 20,974.80	
Public Utility	<u>14,334.00</u>	35,308.80

<u>John Farnum Memorial Fund</u>	<u>1,438.94</u>	833,542.91
--	-----------------	------------

Balances August 31, 1958

Treasurer's Account	\$ 2,550.39	
President's Account.	<u>39,058.77</u>	<u>41,609.16</u>

TOTAL EXPENDITURES \$4,019,078.50

HAVERFORD COLLEGE

August 31, 1958

REPORT NO. 32 OF "LOAN FUND" ESTABLISHED IN 1926

Current Year 1957 - 1958

Cash balance on hand August 31, 1957	\$ 7,608.24
1 Loan repaid during year	300.00
12 Partial payments on Loans during year	1,019.88
Interest received during year	<u>389.51</u>
	\$ 9,317.63

Operating Expenses

15 Loans made during year	\$ 5,703.69
Cash on hand August 31, 1958	3,613.94
Loans outstanding August 31, 1958	22,102.45
Interest outstanding August 31, 1958	<u>926.07</u>
	\$ <u>26,642.46</u>

Totals to August 31, 1958

Gifts & Donations	\$ 28,131.14
449 Loans Repaid	70,925.15
606 Payments on Loans	29,551.99
Interest Paid up	17,925.33
Other Sundry collections	50.02
Advance received from Corporation of Haverford College	<u>5,000.00</u>
	\$151,583.63

Repayments of Gifts & Donations	\$ 21,708.05
Loss on funds & Merion Title & Trust Co.	582.01
Expenses	254.54
Loans Granted	<u>125,425.09</u>
	\$147,969.69

Cash balance on hand August 31, 1958	3,613.94
Outstanding interest to August 31, 1958	926.07
Outstanding Loans to August 31, 1958	<u>22,102.45</u>
	\$ <u>26,642.46</u>

Lawrence E. Brown & Company

ESTABLISHED 1882

Certified Public Accountants

(PENNSYLVANIA)

1917 FIDELITY-PHILADELPHIA TRUST BUILDING

PHILADELPHIA

October 27, 1958

To the Board of Managers
The Corporation of Haverford College
Haverford, Pennsylvania

Gentlemen:

We have examined the balance sheet of The Corporation of Haverford College as at August 31, 1958, and the related statements of receipts and expenditures, operating statement and report on the funds for the year then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

Land, buildings, improvements, furniture and equipment are written off as their cost is funded. Therefore the plant section shows these assets at no value.

In our opinion, subject to the above comment, the accompanying balance sheet and the related statements of income and expenditures, operating statement and report on the funds present fairly the financial position of The Corporation of Haverford College at August 31, 1958 and the results of its operations for the year then ended, in conformity with generally accepted accounting principles for educational institutions applied on a basis consistent with that of the preceding year.

Very truly yours,

Lawrence E. Brown & Co.

LAWRENCE E. BROWN & CO.
Certified Public Accountants

DONATIONS FOR ADDITIONS TO FUNDS

1957 - 1958

GENERAL ENDOWMENT FUND

Bequest of Henry H. Goddard, Class of '87 from Yale B. Griffith, Esquire	\$ 1,000.00
---	-------------

EMILY BISHOP HARVEY FUND

Legacy of Emily Bishop Harvey	10,000.00
-------------------------------------	-----------

LOUIS JAQUETTE PALMER SCHOLARSHIP FUND

From Triangle Society	420.00
-----------------------------	--------

CLASS OF 1917 SCHOLARSHIP FUND

Gift of Joseph W. Greene, Jr.	200.00
------------------------------------	--------

DANIEL B. SMITH FUND

Legacy of Dorothea Atwater Smith	5,000.00
--	----------

1949 CAMPAIGN SCHOLARSHIP FUND

Gift of Clarence E. Tobias, Jr.	500.00
--------------------------------------	--------

SUMMERFIELD FOUNDATION SCHOLARSHIP FUND

Additional gift	1,000.00
-----------------------	----------

DAVID R. BOWEN PREMEDICAL FUND

Gift of Lewis H. Bowen	50.00
------------------------------	-------

CHRISTIAN RELIGION AND THOUGHT FUND

Special grant through anonymous source	4,000.00
--	----------

<u>CLASS OF 1933 TWENTY-FIFTH ANNIVERSARY FUND</u>	6,527.50
--	----------

W. LACOSTE NEILSON SCHOLARSHIP FUND

Gift of Mr. Maurice Tempelman Tempelman Foundation	650.00
---	--------

TOTAL DONATIONS FOR ADDITIONS TO FUNDS	<u>\$29,347.50</u>
--	--------------------

THE FRIENDS OF MUSIC AT HAVERFORD

Name	Amount	Name	Amount
Miss Janet M. Agnew	\$ 2.50	Mr. Hughes Leblanc	2.50
Mr. Edward P. Alexander	10.00	Mrs. William E. Lingelbach	10.00
Mrs. Charles M. Barther	5.00	Mr. & Mrs. D. P. Lockwood	5.00
Mr. Howard K. Bauernfeind	10.00	Mr. & Mrs. Ariel Loewy	5.00
Miss Eleanor Beier	2.50	Mr. & Mrs. Bruce Alan Ludgate, Jr.	5.00
Mr. Richard Bernheimer	2.50	Wallace T. MacCaffrey	5.00
L. Joe Berry	5.00	Miss Marjorie N. MacCoy	10.00
Mrs. John H. Bertolet	5.00	Patricia R. MacKinnon	5.00
Raymond F. Betts	5.00	Mrs. John Markle	5.00
Carol Biba	2.50	Jane J. Martin	2.50
Miss Alice Murtrie Biddle	30.00	Dr. Richard Martin	10.00
Mrs. Cornelia Biddle	5.00	Miss Virginia A. McCall	2.50
Eleanor A. Bliss	10.00	Mr. & Mrs. Fritz Mezger	5.00
Mrs. Hugh Borton	7.50	C. C. Morris	10.00
Mrs. Ralph S. Bromer	5.00	Mrs. Reginald H. Morris	5.00
Mr. & Mrs. Robert S. Broughton	5.00	Mrs. V. W. K. Nail	2.50
Kathryn G. & Donald H. Byerly	5.00	Miss Anna Marie Neumaun	2.50
Edytha M. Carr	2.50	Mrs. Stafford Newhall	5.00
Mrs. Katharine Carter	5.00	Robert Scott Noone	10.00
Mr. John R. Cary	5.00	Mildred B. Northrop	2.50
Mrs. R. L. Cary	5.00	Mrs. William A. Obdyke	5.00
Mr. & Mrs. George K. Chandler	5.00	Mrs. F. H. Osborn, Jr.	7.50
Nina Perara Collier	2.50	Orlando Otey	7.50
Mr. & Mrs. Howard Comfort	5.00	Miss Mary Parsons	2.50
Mrs. W. W. Comfort	2.50	Mr. & Mrs. Harry Pfund	5.00
W. B. Hillard Comstock	2.50	L. Arnold Post	5.00
Miss Elinor E. Curwen	5.00	Miss Marian Reed	2.50
Dr. & Mrs. Padina Datta	5.00	Mrs. Richard Recknagel	5.00
Frances de Graaff	2.50	Mr. & Mrs. William Reitzel	5.00
Mr. Allison R. Drake	7.50	Dr. Jonathan E. Rhoads	10.00
Mr. E. C. Dryden	2.50	Mr. & Mrs. John F. Rich	10.00
Mrs. R. Howard Eisenbrey	2.50	Caroline Robbins	10.00
Miss Gertrude Ely	35.00	Dr. & Mrs. Charles T. Sackett	5.00
Woodruff J. Emlen	5.00	Mrs. E. R. Sargent	5.00
Mrs. Edmund C. Evans	2.50	Mr. & Mrs. Ralph M. Sargent	5.00
William Ezerman, DDS	5.00	Dr. & Mrs. Lewis C. Scheffey	10.00
Mrs. McClure Fahnestock	2.50	Mrs. Samuel A. Scoville	5.00
Mrs. Alice L. Farr	5.00	T. Kite Sharpless	5.00
Mrs. C. B. Farr	2.50	Mr. & Mrs. Langley Smith	5.00
Clare Ray Ford	5.00	Mary C. Smith	5.00
Dr. Robert S. Forster	2.50	Edward D. Snyder	2.50
Lisa Frederick	5.00	Alex C. Soper	5.00
Mrs. S. K. Fuller	5.00	Arthur Colby Sprague	5.00
Robert L. Goodale	5.00	Mary H. & Margaret H. Steen	7.50
Mrs. Louis Green	7.50	Mrs. J. S. Stokes	5.00
Miss Cynthia Griffin	5.00	Mrs. Arthur H. Thomas	5.00
Owen E. Griman	5.00	Carol H. Thomas	5.00
Miss G. H. Griscom	2.50	Helen Norris Tuttle	2.50
Edward H. Handy, Jr.	5.00	Mrs. C. Wilbur Ufford	5.00
Miss Ethel Hastings	5.00	Mrs. B. R. VanValkenburgh	2.50
Miss A. M. Hawkins	5.00	Adolph Vogel	15.00
Mr. & Mrs. Hanford Henderson	5.00	Jane Walker	5.00
Mrs. Charles J. Hepburn	10.00	Robert J. Walter	5.00
Mrs. G. T. Hoag	5.00	W. Brinton & Jean W. Whitall	5.00
Mrs. Clayton Holmes	2.50	Mrs. William White	5.00
Dr. Robert P. Hopkins	5.00	Thomas Whyte, III	2.50
Mr. & Mrs. Michael Hough	5.00	Mrs. F. Earl Williams	2.50
Mr. John Van Hulsteyn	5.00	H. Justice Williams	5.00
Mr. & Mrs. Holland Hunter	5.00	Dr. Albert Wilson	10.00
Raymond A. Hutchinson	5.00	Ellen Winsor	2.50
John A. Kelly	5.00	Owen J. Wister	35.00
Mrs. George A. Kerbaugh	5.00	Miss Dorothy Wire	2.50
Mrs. William M. Kift	5.00	Alexander C. Wood, Jr.	2.50
Patricia G. Knapp	5.00	Mr. Kenneth Woodroffe	2.50
Miss Ellen Kohler	2.50	Mrs. Raymond D. B. Wright	2.50
William Kohler	7.50	Agi Zambor	5.00
Marita Krasauskas	2.50	Mr. & Mrs. David B. Zoob	5.00
Alice Lattimore	2.50		
		Total	\$762.50

CONTRIBUTORS TO THE "LIBRARY ASSOCIATES"

Name	Amount	Name	Amount
Mr. & Mrs. Charles D. Abbott	\$ 10.00	Mr. & Mrs. Holland Hunter	2.00
Mr. & Mrs. David W. Amram, Jr. . .	2.00	Mr. & Mrs. Richard Jenney	4.00
Miss Ann C. Almy	2.00	Mr. & Mrs. Ames Johnston	5.00
Dr. & Mrs. Kenneth E. Appel	10.00	Mr. & Mrs. J. Barclay Jones	10.00
Mr. & Mrs. Manuel Asensio	5.00	Miss Mary Hoxie Jones	2.00
Mr. & Mrs. Bertil Axelsson	10.00	Mr. John A. Kelly	5.00
Mrs. Robert Montgomery Bird	3.00	Mr. John L. Kemmerer	2.00
Mr. & Mrs. Paul Bleyden	5.00	Mr. & Mrs. John D. Kenderine	2.00
Mrs. E. W. Bonnaffon	2.00	Mrs. William M. Kift	2.00
Miss Anne Carter Borton	2.50	Dr. & Mrs. John M. Kimmich	5.00
Mr. & Mrs. Hugh Borton	10.00	Mr. & Mrs. M. Alexander Laverty . .	4.00
Mrs. Stella H. Bregman	2.00	Mr. & Mrs. Aaron Lemonick	2.00
Mr. Benjamin S. Brown	2.00	Mrs. Arthur Leverkuss	2.00
Mr. & Mrs. Henry J. Cadbury	2.00	Miss Dorothy H. Litchfield	15.00
Mrs. John H. Carter	2.00	Mr. & Mrs. Robert A. Locke	10.00
Mr. & Mrs. Aldo Caselli	2.00	Mr. & Mrs. D. P. Lockwood	2.00
Mr. & Mrs. Henry Clifford	50.00	Mr. & Mrs. Arthur B. Loder	5.00
Dr. & Mrs. H. Howard Cloud	2.00	Mrs. J. Henry Longmaid	5.00
Mr. & Mrs. Hayward H. Colburn	5.00	Mrs. Baldwin Lucke	2.00
Mr. & Mrs. Howard Comfort	5.00	Mr. & Mrs. Wallace T. MacCaffrey . .	10.00
Miss Margaret Conklin	10.00	Miss Beatrice MacGeorge	5.00
Mr. & Mrs. O. L. Coward	4.00	Mr. & Mrs. Archibald MacIntosh . . .	4.00
Mr. & Mrs. James A. Crawford	2.00	Mr. & Mrs. William M. Maier	5.00
Mr. & Mrs. Carlton Cressman	3.00	Miss Belle Matheson	5.00
Dr. & Mrs. David M. Davis	5.00	Mrs. Joseph B. McCall	2.00
Miss Meribah C. Delaplane	5.00	Miss Virginia A. McCall	5.00
Mr. & Mrs. William B. Dickinson . . .	5.00	Mr. C. Christopher Morris	25.00
Mrs. William Dohan	5.00	Mr. Clarence N. Myers	2.00
Mrs. Catherine Drinker Downs	100.00	Mrs. Carroll B. Nichols	5.00
Mr. & Mrs. Thomas E. Drake	5.00	Dr. & Mrs. Jesse T. Nicholson	25.00
Mr. & Mrs. Henry S. Drinker, Jr. . . .	10.00	Mr. & Mrs. Robert Scott Noone	10.00
Mr. & Mrs. Harold Evans	5.00	Mr. & Mrs. Cletus O. Oakley	2.00
Mr. William Bacon Evans	5.00	Mr. & Mrs. Paul W. Ohl	2.00
Mrs. McClure Fahnestock	5.00	Mr. & Mrs. Raymond T. Ohl	5.00
Dr. & Mrs. Clifford B. Farr	2.00	Mr. & Mrs. Frederic Palmer	5.00
Miss Elizabeth Z. Farrow	2.00	Mr. & Mrs. Harry W. Pfund	4.00
Miss Kathryn V. Forrest	2.00	Mr. & Mrs. L. Arnold Post	4.00
Mrs. Sara K. Fuller	6.00	Miss Ida W. Pritchett	10.00
Mrs. J. Holcombe Genung	5.00	Mrs. Howard H. Rapp	2.00
Mr. Gerald Goodman	2.00	Mr. & Mrs. G. R. Rebmann, Jr. . . .	5.00
Mr. & Mrs. Douglas W. Gould	5.00	Mr. & Mrs. Conyers Read	10.00
Mr. & Mrs. Louis C. Green	2.00	Mr. & Mrs. Layton B. Register	5.00
Miss Gladys H. Griscom	10.00	Mr. & Mrs. William A. Reitzel	4.00
Mr. & Mrs. John F. Gummere	10.00	Dr. & Mrs. Jonathan E. Rhoads	10.00
Dr. & Mrs. R. M. Gummere	2.00	Mr. & Mrs. John F. Rich	5.00
Mrs. T. H. Hart	2.00	Mr. Charles S. Ristine	5.00
Mrs. John V. Hastings, Jr.	5.00	Mr. & Mrs. Leon H. Rittenhouse . . .	2.00
Mr. & Mrs. John V. Hastings, III	2.00	Mrs. Louis Barclay Robinson	5.00
Miss Ethel Hastings	10.00	Mr. & Mrs. William P. Sadler	10.00
Mr. & Mrs. Roy A. Helton	5.00	Mr. & Mrs. Ralph M. Sargent	5.00
Mr. & Mrs. Harrison S. Hires	25.00	Mr. & Mrs. Charles C. Savage, Jr. . .	10.00
Miss Linda S. Hires	10.00	Dr. & Mrs. Lewis C. Scheffey	10.00
Mr. & Mrs. William L. Hires	5.00	Mr. & Mrs. Richard A. Schlegel	5.00
Mr. & Mrs. Clarence G. Hoag	10.00	Miss H. Louise Searle	2.00
Mrs. Gilbert T. Hoag	3.00	Mr. & Mrs. Frederic C. Sharpless . .	3.00
Mr. & Mrs. Howard J. Hogenauer . . .	20.00	Mr. & Mrs. Thomas K. Sharpless . . .	5.00
Mr. & Mrs. Clayton W. Holmes	2.00	Mr. Lucius R. Shero	5.00
Mr. & Mrs. Allen F. Horton, Jr.	5.00	Miss Mary C. Smith	5.00

CONTRIBUTORS TO THE "LIBRARY ASSOCIATES" (Continued)

Name	Amount	Name	Amount
Mr. & Mrs. Edward D. Snyder	2.00	Dr. & Mrs. Owen Jones Toland	5.00
Mr. & Mrs. Herman M. Somers	2.00	Mrs. Albert C. Tyler	10.00
Mr. & Mrs. Arthur E. Spellissy	20.00	Mrs. W. G. Vaughan	2.00
Dr. & Mrs. William C. Stadie	5.00	Mr. & Mrs. Frank C. Vehslage	2.00
Mr. & Mrs. Herbert W. Starr	5.00	Mr. & Mrs. W. Nelson West, III	5.00
Miss Margaret H. Steen	2.00	Mr. & Mrs. Brinton Whitall	5.00
Miss Mary H. Steen	2.00	Mr. & Mrs. Gilbert F. White	2.00
Mr. Jonathan M. Steere	10.00	Mr. & Mrs. F. Earl Williams	2.00
Mr. & Mrs. William Steynen	4.00	Mr. H. Justice Williams	2.00
Mrs. J. Stogdell Stokes	5.00	Mr. & Mrs. William M. Wills	2.00
Mr. Hugh E. Stone	10.00	Mr. Albert H. Wilson	5.00
Miss Gertrude Stout	3.00	Mr. & Mrs. D. Wright Wilson	2.00
Mr. & Mrs. Philip S. Sweetser	5.00	Miss Rebecca B. Wistar	5.00
Miss Frances W. Terry	2.00	Mr. Thomas Wistar	10.00
Mrs. Arthur H. Thomas	5.00	Mr. Enos E. Witmer	2.00
Miss Carol H. Thomas	5.00	Mr. & Mrs. Alexander C. Wood, Jr. . .	2.00
Dr. & Mrs. Henry M. Thomas, Jr. . . .	4.00	Anonymous	<u>2.00</u>
Miss Marjorie L. Thompson	20.00		
Mr. & Mrs. Reynolds Tilden	5.00		
		Total	<u>\$969.50</u>

CONTRIBUTORS TO ANNIVERSARY GIFTS

Class of 1933

Edson J. Andrews, M. D.
 Dr. E. Theodore Bachmann
 Clarence P. Baker
 Herbert T. Clough
 William B. Daub
 Mr. H. K. Dugdale
 Mr. Franklin K. Fite
 Mr. Philip Godley, II
 Luther S. Green, Jr.
 Rev. Stephens T. Gulbrandsen
 Harry L. Hansen
 William L. G. Hardham
 Mr. John W. Hazard
 Charles S. Jacobs
 Franklin P. Jones
 R. Wilfred Kelsey
 Mr. Bernard V. Lentz
 Charles H. & Annetta R.
 Masland Foundation
 John W. Masland
 John F. McMahon
 Mr. Edward A. Moos
 William H. Russell
 Mr. John R. Sargent
 Henry Scattergood
 Wilbert B. Smith, Jr.
 Robert C. Thomson, Jr.
 Robert W. Thompson
 Mr. Phillips S. Trenbath
 W. L. Tripp
 Mr. F. A. Van Denbergh, Jr.
 Henry James Vaux
 Thomas R. White, Jr.
 Mr. David L. Wilson

Class of 1934

Mr. Robert C. Atmore
 Harold F. Bodine
 Mr. Louis W. Flaccus, Jr.
 Mr. Grant V. Frazer
 J. Morton Fultz, Jr.
 Leonard L. Greif, Jr.
 Mr. John O. Hancock
 Mr. Ray B. Houston
 R. Bruce Jones
 Dr. Hunt B. Jones
 J. Douglas Lockard
 Mr. Benjamin S. Loewenstein
 William F. Maxfield
 Mr. Richard R. Pleasants
 Henry G. Russell
 Mrs. Margaret G. Russell
 Roger Scattergood, Esq.
 Erwin Schmid
 Dr. Arthur G. Singer, Jr.
 Dr. H. Miles Snyder
 Matt W. Stanley
 Mr. John Wilson
 Mr. Willard M. Wright, Jr.

Class of 1935

Mr. William L. Azpell, Jr.
 Mr. Paul W. Brown, Jr.
 E. Charles Kunkle
 E. Wayne Marshall
 Mr. John B. Rhoads
 Mr. Martin P. Snyder
 Philip P. Steptoe
 F. Joseph Stokes, Jr.
 William H. Tatem

\$9,124.30

CONTRIBUTORS TO THE FACULTY PUBLICATIONS

Name	Amount	Name	Amount
Mr. John R. Ewbank	\$ 10.00	Mrs. S. Emlen Stokes	5,000.00
Mr. E. Shelton Forest	5.00	Rev. Richard G. Urban	3.00
Rev. William E. Jacobs	10.00	Mr. Stacey H. Widdecomb, Jr.	20.00
Richard J. Leuba	1.00		
Mrs. Alfred Douglass Moore	10.00	Total	<u>\$5,339.00</u>
Dr. Jonathan E. Rhoads	280.00		

CONTRIBUTORS TO THE WILLIAM E. LUNT MEMORIAL FUND

Mr. Ernest G. Allen	\$ 25.00	Mr. Sterling Newell, Jr.	25.00
Anonymous	100.00	Geert C. E. Prins	10.00
Mr. Thomas N. Bisson	10.00	Mr. Charles E. Rankin	10.00
Mr. Edwin B. Bronner	10.00	Mr. C. A. Robinson	15.00
Dr. J. A. Curran	10.00	Mr. Winslow D. Shaw	10.00
Mr. Roger C. Brown	25.00	Mr. Christopher Van Hollen	5.00
Mr. William Duff	5.00	Mr. Nelson A. White	20.00
Dr. Herbert K. Ensworth	20.00	Mr. Philip M. Whitman	20.00
Mr. Sumner Wright Ferris	20.00	Thomas Wistar, Jr.	10.00
Howard J. Hogenauer	100.00	Mr. Edward Woolman	50.00
John M. Krom	24.00	Mrs. Lilian W. Woolman	50.00
Mr. Bernard V. Lentz	175.00		
Mr. Wm. Morris Maier	25.00	Total	<u>\$789.00</u>
Mr. Arthur J. Mekeel	15.00		

CONTRIBUTORS TO ANNUAL GIVING

1882
Amount Given — \$175
Edward Randolph

1887
Amount Given — \$30
Edward F. Chillman

1890
Amount Given — \$300
Jonathan M. Steere

1892
Amount Given — \$370
Augustine W. Blair
Henry L. Davis
Walter Morris Hart
John W. Muir
Maxfield Parrish
Stanley R. Yarnall

1893
Amount Given — \$370
Clarence G. Hoag
Francis B. Reeves
Barton Sensenig
Edward Woolman

1894
Amount Given — \$270
Henry S. Conard
Clifford B. Farr
Frederick P. Ristine

1896
Amount Given — \$15
Arthur F. Coca
John A. Lester

1897
Amount Given — \$80

Thomas M. Chalfant
Charles H. Howson
Edward Thomas

1898
Amount Given — \$750
William W. Cadbury
Vincent Gilpin
F. Sims McGrath
S. Rowland Morgan
Frederic Stadelman
Francis R. Strawbridge
Robert N. Wilson
Thomas Wistar

1899
Amount Given — \$235
William A. Battey
Edward H. Lycett, Jr.
Louis R. Wilson

1900

Amount Given — \$610

Charles J. Allen
 Francis R. Cope, Jr.
 Henry S. Drinker
 Henry M. Hallett
 Samuel W. Mifflin
 Heber Sensenig
 Frederic C. Sharpless
 Abram G. Tatnall
 Edward B. Taylor, Jr.

1901

Amount Given — \$140

Ellis Y. Brown, Jr.
 William E. Cadbury
 Lovett Dewees
 William H. Kirkbride
 Herbert S. Langfeld
 (deceased)
 J. Leiper Winslow

1902

Amount Given — \$735

C. Reed Cary
 Edward W. Evans
 Richard M. Gummere
 William C. Longstreth
 Percival Nicholson
 Robert J. Ross
 Charles Wharton Stork
 E. Earl Trout
 Alexander C. Wood, Jr.

1903

Amount Given — \$95

Henry J. Cadbury
 James B. Drinker
 Hervey M. Hoskins
 Robert L. Simkin
 I. Sheldon Tilney
 Howard M. Trueblood

1904

Amount Given—\$1,875

Howard H. Brinton
 John W. Charles
 Arthur Crowell
 George K. Helbert
 William T. Hilles
 William M. C. Kimber
 Bernard Lester
 C. Christopher Morris
 Harold H. Morris
 C. Raymond Owen
 Harold M. Schabacker
 James M. Stokes
 John R. Thomas
 H. Norman Thorn
 E. Porter West
 William M. Wills
 Samuel C. Withers

1905

Amount Given — \$775

Thomas M. Bales
 Sydney M. Boher
 Charles S. Bushnell
 Henry A. Cox
 Benjamin Eshleman
 Arthur H. Hopkins
 Paul Jones
 E. Converse Peirce
 Glyndon Priestman
 Elias Ritts
 Sigmund Spaeth
 Herman K. Stein
 Chester J. Teller
 Howard P. Thomas

1906

Amount Given — \$430

Walter Carson
 Thomas Crowell
 Gordon H. Graves
 Jackson Maloney
 Albert K. Smiley
 John A. Stratton
 Joseph J. Tunney

1907

Amount — \$2,063.59

Walter L. Croll
 Harold Evans
 Samuel J. Gummere
 Wilbur H. Haines
 Lee E. Hood
 Ernest F. Jones
 James P. Magill
 Howard Mitchell
 (deceased)
 Alfred B. Morton
 Jose Padin
 W. Butler Windle

1908

Amount Given — \$995

Carroll T. Brown
 Dudley D. Carroll
 J. Browning Clement, Jr.
 Clifford C. Collings
 Thomas C. Desmond
 Edward A. Edwards
 J. Passmore Elkinton
 J. Jarden Guenther
 Thomas R. Hill
 W. Wesley Kurtz
 M. Albert Linton
 T. Morris Longstreth
 W. Haviland Morriss
 Loren C. Petry
 Charles H. Rogers
 Winthrop Sargent
 Walter R. Shoemaker
 Wilson Sidwell
 George K. Strode
 Walter W. Whitson
 Raymond C. Woodard

1909

Amount Given — \$405

Percival B. Fay
 Allan J. Hill
 Sidney Loewenstein
 Howard M. Lutz
 Charles G. Martinson
 Paul Van Reed Miller
 Frank M. Ramsey

J. Warrington Stokes
Charles B. Thompson
Robert L. M. Underhill
William W. Warner
Mathew Herbert Watson

1910

Amount Given—\$1,260

Earlham Bryant
Earl S. Cadbury
Edward W. David
Joseph C. Develin
E. Nelson Edwards
Carroll A. Haines
Harrison S. Hires
John D. Kenderdine
George A. Kerbaugh
Charles M. Leininger
Henry Carvill Lewis
Walter Palmer
Charles S. Ristine
Alfred S. Roberts
Willard P. Tomlinson

1911

Amount Given — \$672

John S. Bradway
Philip B. Deane
John S. Downing
Herbert V. B. Gallagher
William D. Hartshorne
L. Arnold Post
Joseph H. Price
D. Duer Reynolds
Victor Schoepperle
Lucius R. Shero
Gibson Smith
Howard G. Taylor, Jr.
Charles Wadsworth, III
Caleb Winslow

1912

Amount Given—\$1,046

Albert L. Baily, Jr.
Mark Balderston
Stacey K. Beebe
Albertus L. Biedenbach
Douglas P. Falconer

Leslie W. Ferris
Hans Froelicher, Jr.
Walter F. Graham
Herbert M. Lowry
Robert E. Miller
Sydney S. Morris
J. Hollowell Parker
Irvin C. Poley
Leonard C. Ritts
William H. Roberts, Jr.
Thomas E. Shipley
Lloyd M. Smith
Henry M. Thomas, Jr.

1913

Amount Given — \$780

Paul H. Brown
William S. Crowder
Frederick A. Curtis
Charles G. Darlington
Francis H. Diamant
Norris F. Hall
William Y. Hare
Charles E. Hires, Jr.
W. Church Longstreth
(deceased)
Stephen W. Meader
George Montgomery
Herbert V. Nicholson
Oliver M. Porter
Frederick P. Stieff
L. Ralston Thomas
John V. Van Sickle
William Webb
N. McDonald Wilder
Edwards F. Winslow
George Winslow

1914

Amount — \$5,893.80

H. Ernest Bell
Jules S. Bentley
Walter G. Bowerman
Carroll D. Champlin
Leonard B. L. deSabran
George V. Downing
C. Willis Edgerton
Alfred W. Elkinton
Thomas W. Elkinton

Joseph C. Ferguson
Lewis J. Finestone
J. Paul Green
Edward Morris Jones
Harold M. Lane
Harold S. Miller
Douglas L. Parker
Baxter K. Richardson
Herbert W. Seckel
Robert C. Smith
Francis C. Stokes
S. Emlen Stokes
John A. Stout
Leonard V. H. Thomas
Thomas Tomlinson
Charles K. Trueblood
Douglas Waples
Charles R. Williams

1915

Amount Given — \$505

Percival R. Allen
Edgar M. Bowman
Edgar C. Bye
G. Cheston Carey
John W. Gummere
George H. Hallett, Jr.
Harold W. Helveston
Thomas Hoopes, Jr.
Hubert A. Howson
LeRoy D. Locke
Joseph McNeill
Felix Morley
Elmer L. Shaffer
Walter Elwood Vail
Donald B. VanHollen
Ernest N. Votaw

1916

Amount Given—\$1,041

Ralph V. Bangham
Frederick C. Buffum, Jr.
Frank W. Cary
J. Arthur Cooper
Bolton L. Corson
George A. Dunlap
James S. Ellison
Albert G. Garrigues
William T. Hannum
Perry A. Hunter

H. Alden Johnson
 Raymond C. Kendig
 William T. Kirk
 John Kuhns
 Philip L. Leidy
 John G. Love, Jr.
 Edward F. Lukens, Jr.
 J. Sidney Marine
 William L. Martwick
 Edward R. Moon
 Charles H. Oberholtzer
 Joseph Stokes, Jr.
 Oliver P. Winslow
 Joseph D. Wood

1917

Amount Given—\$1,005

Ernest L. Brown
 J. Howard Buzby
 William H. Chamberlin
 Donald Chandler
 Willard M. R. Crosman
 Loring Dam
 Jesse G. Forsythe
 William J. Gardiner
 Joseph W. Greene, Jr.
 Robert B. Haines, III
 Albert W. Hall
 Weston Howland
 H. Lawrence Jones
 M. Alexander Laverty
 Juwan Usang Ly
 Hugh E. McKinstry
 Arthur H. Napier
 Newlin F. Paxson
 Edmund T. Price
 Carl M. Sangree
 Wendell D. Schoch
 John W. Spaeth, Jr.
 Arthur E. Spellissy
 J. Clayton Strawbridge
 Harold Q. York

1918

Amount Given — \$748

John W. Alexander
 Harrison H. Arnold
 Robert Barrie, Jr.
 John H. Beeson
 Herbert H. Bell

Bennett S. Cooper
 J. Marshall Crosman
 Stephen Curtis
 Frank Deacon
 Alfred H. Dewees
 Neil Gilmour
 Robert B. Greer
 Henry M. Hallett
 William H. Harding
 Lewis E. Hartman
 Joseph M. Hayman
 John A. Hisey
 Malcolm D. Kerbaugh
 Henry W. Koons
 Jacques LeClercq
 Louis C. O. Lusson
 William Mussetter
 Herbert J. Painter
 Edward A. G. Porter
 Henry P. Schenck
 Joseph W. Sharp, III
 Morris S. Shipley
 Oliver P. Tatum
 John W. Thacher
 Percy S. Thornton
 Albert H. Tomlinson
 Alfred J. Townsend

1919

Amount Given — \$790

Hudson Chapman
 Thomas P. Dunn
 Francis Goodhue, III
 Edgar B. Graves
 William F. Hastings
 John S. Haynes
 Stewart Huston
 Thomas McConnell, III
 A. Douglas Oliver
 Walter P. Shipley, Jr.
 Chester M. Sutton
 Cleaver S. Thomas

1920

Amount Given—\$1,832

Herman D. Carus
 Benjamin Collins
 Lucius W. Elder
 J. Russel Fitts
 Edwin O. Geckeler

Frank T. Gucker
 Pierson P. Harris
 Milton A. Kamsler
 Thomas H. Kearney
 A. Douglas Knowlton
 James T. Mullin
 John D. Reese
 Horace F. Spencer
 James E. Sutton
 Granville Toogood
 John S. Williams
 Richard R. Wood
 Granville Worrell, II

1921

Amount Given — \$1,335

Jervis J. Babb
 Elliot W. Brown
 Paul H. Caskey
 Melvin Cawl
 Peter Donchian
 Cornell M. Dowlin
 S. Newcomb Ewan, Jr.
 Thomas Fansler
 Edward C. Haines
 Alan W. Hastings
 Eugene B. Heilman
 Herschel C. Henderson
 John R. Hoopes
 William T. Jebb
 J. Barclay Jones
 John H. Klaren, Jr.
 Henry W. Kumm
 Julian S. Long
 John MacAdam
 Archibald MacIntosh
 John D. Miller
 Samuel A. Nock
 Raymond T. Ohl
 A. Arthur Powell
 Hubert T. Richardson
 M. Huyett Sangree
 C. Wilbur Ufford
 Benjamin B. Weatherby
 Robert N. Wood

1922

Amount Given — \$804

Charles D. Abbott
 Noel S. Arrowsmith
 John B. Barker

Andrew Brown
 Henry S. Fraser
 John F. Gummere
 Richard W. Janney
 Edward B. Jones
 Ralph A. Klemm
 Robert R. Matzke
 Thomas R. Montgomery
 Elliston P. Morris
 Chauncey G. Paxson
 Foster N. Perry
 Harry W. Pfund
 William A. Reitzel
 Nathan B. Sangree
 Richard M. Sutton
 Edward A. Taylor
 Kenneth B. Walton
 J. Colvin Wright
 Edwin W. Zerrer

1923

Amount — \$2,357.50

Russel G. Allen
 John C. Borton
 H. Tatnall Brown, Jr.
 Addison S. Buck
 Hal G. Farrar
 Guilford D. Fisher
 Frank P. Flint
 Frank S. Flowers
 Gilbert C. Fry
 G. Randle Grimes
 William H. Hamilton
 E. Kenneth Haviland
 C. Dixon Heyer
 Rees S. Himes
 Garrett S. Hoag
 William C. Hunsicker, Jr.
 Wilmot R. Jones
 S. Brooks Knowlton
 Robert W. Leeds
 Thomas M. Logan
 Marriott C. Morris
 Thomas Parke
 Dudley M. Pruitt
 Robert Schultz
 John B. Stevenson
 Alfred L. Test
 Charles Warner, Jr.
 Farnham Warriner
 Nelson A. White

1924

Amount Given — \$1,710

Charles F. Bader
 Courtland B. Brinton
 Hugh P. Brinton
 J. Stanton Carson
 Meade Cauffiel
 Charles H. and Pauline
 Frazier Charitable Trust
 Harold D. Greenwell
 Gaylord P. Harnwell
 Paul R. Haviland
 John F. Headly
 Wesley M. Heilman
 Howard J. Hogenauer
 Arthur Mullin
 Edward B. Patterson
 Philip G. Rhoads
 John F. Rich
 En Shui Tai
 Gordon M. K. Turner
 Edward P. VanTine
 W. Wyclif Walton
 W. Nelson L. West
 Donald E. Wilbur

1925

Amount — \$1,159.70

Eric G. Ball
 Robert C. Bates, Jr.
 William L. Bayer
 Wray D. Bentley
 Geoffroy Billo
 Leigh E. Chadwick
 Edward L. Gordy
 H. Richard Heilman
 William E. Hinrichs
 Irving Hollingshead
 Henry F. House
 Alfred P. Hulme
 Phillips Johnson
 Ames Johnston
 Karl G. Kumm
 Hugh Montgomery
 Warren W. Newman
 Jesse T. Nicholson
 Chalmers V. A. Pittman
 Owen B. Rhoads
 William D. Rogers

Charles C. Sellers
 John A. Silver
 Francis Mcl. Stifler
 Walter P. Stokes
 Harold B. Taylor
 Benjamin B. Warfield
 Stanley E. Willey
 Austin Wright
 Harman A. Yerkes

1926

Amount — \$907.50

Francis H. Ale
 Schuyler F. Baldwin
 Robert Barry
 Hugh Borton
 Alfred E. Buck
 Alfred Busselle
 Francis F. Campbell
 Alexander R. Carman, Jr.
 Franklin O. Curtis
 Henry C. Evans
 Charles H. Greene
 Robert Haines
 Edmund P. Hannum
 Dalzell F. Hartman
 Robert L. Hatcher
 J. Dean Joly
 Edward H. Kingsbury
 Victor A. Lamberti
 Winthrop M. Leeds
 Daniel C. Lewis, Jr.
 Benjamin H. Lowry
 J. Howard Marshall
 Willard E. Mead
 Francis Jay Nock
 Fred Rodell
 Charles E. Sumwalt
 Joseph A. Vansant
 Edward S. Wood, Jr.

1927

Amount — \$747.50

Addison J. Allen
 Samuel A. Armstrong
 Harold E. Bates
 M. Ward Bayles
 John H. Biddle
 Charles A. Clement

Herman E. Compter
 Samuel Cook
 Leopold S. David
 Natt M. Emery, Jr.
 Allan B. Fay
 John E. Forsythe
 Albert V. Fowler
 William O. Grover
 John L. Heller
 John H. Hoag
 William L. G. Lester
 I. Wilmer Miller
 Paul W. Ohl
 Allen G. Powell
 George H. Renninger
 Franklin Sanders
 S. Stansfeld Sargent
 William W. Saunders
 Watson Scarborough
 Arthur Silver
 W. Burr Totten

1928

Amount Given — \$1,891

James W. Alcorn
 Carl F. Berlinger
 William R. Bready, III
 Frederick M. Burgess
 Leslie A. Cretty
 Royal S. Davis
 John T. Evans
 E. Dean Flint
 C. Keely Fox
 W. Addison Fox
 A. Burtis Hallock, Jr.
 Theodore B. Hetzel
 Richard L. Hillier
 Nelson J. Hogenauer
 Allen F. Horton
 J. Quincy Hunsicker, III
 J. McLain King
 Richard T. Lane
 John S. McConaghy
 Oliver W. Melchior
 James E. Mitchell
 S. Burkhart Morrison
 Henry S. Murphey
 Alexander L. Nichols

Eric H. Renwick
 Jonathan E. Rhoads
 Ingram H. Richardson
 Donald W. Richie
 Louis F. Richter
 Charles A. Robinson
 J. Cecil Rowe
 Osman J. Seeds
 Robert L. Shank
 (deceased)
 Franklin W. Smith
 Ellsworth B. Stevens
 J. Tyson Stokes
 Charles M. Tatum
 Herbert F. Taylor
 Allen C. Thomas, Jr.
 Thomas S. Whiting
 Theodore Whittelsey, Jr.
 Richard Wistar
 John W. Woll

1929

Amount Given — \$872

David C. Bevan
 Samuel T. Brinton
 Roger C. Brown
 John R. Cooper
 Robert M. Cunningham
 F. Curtis Dohan
 James G. Downward
 Herbert K. Ensworth
 Nathan T. Folwell
 John P. Fox
 George S. Garrett
 Charles M. Hamilton
 John G. Hartman
 Everett H. Hemphill
 Halsey M. Hicks
 George W. Johnson
 Kenneth E. Kingham
 William S. Lane
 Davis D. Lewis
 Alexander A. Liveright
 Joseph E. MacNamee
 James S. Maier
 Alfred Mellor
 Gerald F. Rorer
 J. Clifford Scott
 Walter Sondheim, Jr.
 Robert C. Sullivan

Daniel D. Test, Jr.
 Harold L. Wilt
 F. Howell Wright

1930

Amount — \$1,823.25

John L. Blackman, Jr.
 B. Franklin Blair
 Richardson Blair
 Roger L. Bloom
 Arthur H. Brinton
 James Brown, IV
 T. Ward Bruegel
 Donald R. Buxton
 Robert L. Dothard
 J. Richard Durham
 Theodore Evans
 Willem Ezerman
 J. Thorpe Feidt
 William D. Frazier
 John J. Hagedorn
 Robert L. Halberstadt
 W. Clark Hanna
 Joseph W. Martin
 William M. Masland
 Charles W. Miller, Jr.
 Joseph L. Miller
 Brewster H. Morris
 J. Howard Morris, Jr.
 Theodore H. Morris
 Martin Norr
 Robert M. Olton
 Edward Rosewater
 Newman S. Shirk
 Daniel Smiley
 Albert I. Supplee
 Frederick W. Swan
 Edward G. Taulane, Jr.
 John A. Turner
 George Vaux
 Wilfred H. Wickersham
 Thomas Wriggins, Jr.
 Thomas Wistar, Jr.

1931

Amount — \$1,844.41

Marion A. Arthur
 Henry G. Barnhurst

J. Wendell Burger
 Thomas E. Burns
 William E. Cadbury, Jr.
 S. Hall Conn
 Alfred R. Crawford
 George B. Edgar
 Robert F. Edgar
 Kenneth H. Egolf
 John T. Emlen, Jr.
 F. W. Elliott Farr
 Robert L. Farr
 Robert W. Gabriel
 Lewis H. Gage
 Donald L. Gibson
 John H. Gray, Jr.
 John D. Gresimer
 Thomas B. Harvey
 James M. Houston
 Kaufman Ray Katz
 M. Jastrow Levin
 William Morris Maier
 Adrian S. Mann
 Lauman Martin
 Richard L. Masland
 Raymond E. Maxwell
 Arthur J. Mekeel

Frederick W. G. Peck
 Charles S. Pennypacker
 Herbert W. Reisner
 Ira L. Schamberg
 Harris P. Shane
 Phillip Shaw
 Edwin A. Speakman
 Frank N. Speller, Jr.
 Walter M. Teller
 James E. Walmsley
 T. Barnard Walter
 Nathaniel Weyl
 J. Borton Wills
 John H. Wills
 George G. Wilt

1932

Amount — \$1,162.75

Carl B. Allendoerfer
 G. Richard Bacon
 Walter C. Baker
 William F. Brinton
 Gilbert David

Harry Fields
 William T. R. Fox
 Herbert S. Gaskill
 F. Barton Gummere
 C. Robert Haines
 H. Gifford Irion
 Harry G. M. Jopson
 Evarts G. Loomis
 William E. Miller
 Ellis C. Osgood
 William W. Pusey, III
 Joseph E. Rhoads, Jr.
 Arthur S. Roberts
 Harold J. Schramm
 John W. Settle, Jr.
 William V. Sipple, Jr.
 Albert K. Smiley, Jr.
 Franklin J. Smith
 Charles S. Strickler
 Rudolf M. Wertime
 Robert S. Woodward, III
 John A. Zapp, Jr.

1936

Amount — \$1,162.41

E. Dale Adkins, Jr.
 Joseph Barton, Jr.
 Henry C. Beck
 Thomas R. Bevan
 George B. Bookman
 Robert Braucher
 Donald W. Brous
 Jonathan A. Brown
 Thomas D. Brown
 Ben T. Cowles
 William A. Crawford
 Ellis I. Curley
 Arthur S. Dulaney
 David C. Elkinton
 Francis C. Evans
 L. Ross Garner
 Robert S. Gawthrop, Jr.
 John N. Goodridge
 Henry S. Huntington, III
 Robert M. Hutchinson
 Arthur R. Kane, Jr.
 Samuel Kind
 Howard T. Lodge, Jr.

William H. Loesche, Jr.
 William A. Macan, III
 Lewis B. Maier
 David P. McCune, Jr.
 Samuel S. McNeary
 J. Don Miller, Jr.
 Park H. Miller, Jr.
 C. Christopher Morris, II
 Ralph C. Most
 H. Frazer Parry
 Harry T. Paxton
 F. Gardiner Pearson
 Charles Perry
 Joseph D. Purvis, Jr.
 John Sebastian
 T. Kite Sharpless
 William E. Sheppard
 Allen W. Stokes
 Joseph H. Taylor
 William F. Tiernan, Jr.
 Henry L. Tomkinson
 John Van Brunt, Jr.
 Hubert M. Vining
 Robert B. Wolf
 Charles W. Yearsley

1937

Amount — \$1,499.93

William W. Allen, III
 Howard A. Andrews
 William H. Bond
 John A. Cantrell
 James G. Carr, Jr.
 Joseph R. Carson
 Stephen G. Cary
 Richard Cooper
 Henry S. Drinker, Jr.
 Hans B. Engelmann
 Bruce H. French
 Daniel C. Frysinger
 Roger L. Greif
 Henry C. Gulbrandsen
 Roy C. Haberkern, Jr.
 Bernard M. Hollander
 Charles E. Holzer, Jr.
 James D. Hoover
 Andrew D. Hunt, Jr.
 Bryden B. Hyde
 Bun-ichi Kagami
 W. Lawrence Kimber

Robert H. Kriebel
 Harry H. Kruener
 Robert W. Leibold
 John A. Lester, Jr.
 M. Albert Linton, Jr.
 James H. Lockwood
 John B. Lukens
 Richard B. McLaughlin
 William N. Nelson
 George Norris, Jr.
 Frank E. Nulsen
 William A. Polster
 Joseph T. Rivers
 Peter P. Rodman
 Albert L. Scott, Jr.
 Edward B. Scull
 Leslie B. Seely
 Henri C. Seibert
 Archibald Stark
 Herbert W. Taylor, Jr.
 Melvin A. Weightman
 Philip M. Whitman
 S. Vincent Wilking
 Jay W. Worrall, Jr.
 Arthurt N. Wrigley

1938

Amount Given — \$1,766

Robert M. Bird, Jr.
 Hoel L. Bowditch
 Richard S. Bowman
 H. Douglas Campbell
 John T. Carson, Jr.
 Donald S. Childs, Jr.
 William H. Clark
 Henry B. Cox
 Herbert L. Darlington, Jr.
 Valery S. de Beausset
 Aubrey C. Dickson, Jr.
 William Duff
 Charles R. Ebersol
 Roderick Firth
 James M. George
 Robert P. Gilbert
 Jonathan E. Goldmark
 Anson R. Hyde
 William S. Kinney
 Amos P. Leib
 Charles H. Ligon

George B. Mathues
 F. Huston McIlvain
 Elliott H. Morse
 Leonard F. Norsworthy
 Dikran S. Pakradooni
 William E. Prindle, Jr.
 Frank M. Ramsey, Jr.
 Clayton E. Ranck
 Lindley B. Reagan
 James L. Rich
 Leslie B. Schramm
 Philip R. Shank
 Clyde H. Slease
 William B. Sluss
 Charles F. Sponsler, Jr.
 Hubert R. Taylor
 Irving Telling
 L. James Velte, Jr.
 William M. Webb
 E. Hambleton
 Welbourn, Jr.
 Lawrence G. Wesson, Jr.
 Edmund C. Wingerd, Jr.

1939

Amount Given — \$1,123

Robert B. Ackerman
 Alpheus H. Albert, Jr.
 Jerome I. Aron
 Robert L. Balderston
 John L. Birkinbine
 William S. Bonham
 George D. Bown
 Charles S. Bushnell, Jr.
 Jonathan Evans
 William E. Evans
 John M. Finley
 John A. Flick
 John D. Hallahan
 John A. Hoyer
 John J. Jaquette
 Henry H. Jones
 L. Crosby Lewis
 Richard H. Lillie
 Harold H. Morris, Jr.
 Louis H. Palmer
 Charles E. Rankin
 Seymour S. Rice
 Alan Roberts

Daniel G. Santer
 Craig M. Sharpe
 Winslow D. Shaw
 T. David Shihadeh, Jr.
 Laird H. Simons, Jr.
 Thomas B. Steiger
 Gilbert P. Talbot
 William H. G. Warner
 Maurice A. Webster, Jr.
 Robert O. Whitson
 Joseph C. Wingerd
 Samuel Withers, Jr.

1940

Amount Given — \$392

Ernest G. Allen
 Arthur E. Brown
 D. Baird Coursin
 Emerson L. Darnell
 Robert L. Dewees
 John A. Duncan
 David P. Flaccus
 John E. Gross
 Hanford Henderson
 Alexander C. Hering
 Robert J. Hunn
 John M. Lindley, Jr.
 Elliott Mason
 Hayden Mason
 Robert W. McConnell, Jr.
 William F. McDevit
 Charles K. Peters
 Richard A. Poole
 Charles J. Swift
 Thomas M. Taft
 James A. Vincent
 Charles H. Wolfinger
 J. William Wood, Jr.

1941

Amount Given — \$1,005

Edward P. Allinson, Jr.
 Stephen B. Andrus
 David B. Arnold
 Arthur G. Ashbrook, Jr.
 Howard L. Blum

Richard H. Bolster
 Eugene Botelho
 Albert D. Branson
 Henry D. Cornman
 Hunt Davis
 Robert B. Dickson
 John W. Dorsey
 Christopher Evans
 Robert W. Evans, Jr.
 Robert N. Evert
 Gerritt L. Ewing
 Louis J. Finger
 Philip C. Gifford, Jr.
 Edwin D. Grosholz
 John B. Hibbard
 Andrew F. Inglis
 Roger B. Kent
 Benton D. King
 William A. Liddell, Jr.
 Jan W. Long
 Thomas Little
 John R. McNeill
 William K. Miller
 Samuel M. Murphy, Jr.
 Arthur H. Napier, Jr.
 J. Philip Neal
 Wilson H. Pile
 Edward R. Scheffer
 Malcolm K. Smith
 Robert H. Smith
 Samuel M. Snipes
 Leon Solis-Cohen, Jr.
 William W. Stainton
 G. Ralph Strohl, Jr.
 Harry H. Stuart
 John Bruce Swigert
 Roy S. Vogt
 William R. Watson, Jr.
 Kenneth W. Weyerbacher
 Kenneth A. Wright

1942

Amount Given—\$652.16

George Aldridge
 E. Howard Bedrossian
 Edgar D. Bell, Jr.
 Burns Broadhead
 Knox Brown

Thomas C. Cochran, Jr.
 Robert W. Dunham
 Roy A. Dye
 Arthur Evans
 John D. Farquhar
 Edward Flaccus
 Kenneth J. Foreman, Jr.
 John A. Fust
 James F. Gary
 C. Kirk Greer
 Gove Hambidge, Jr.
 Heber R. Harper
 Gordon W. Howe
 T. Canby Jones
 Richard Kay
 L. Theodore Lawrence
 George C. Lewis, Jr.
 Malcolm H. McCann, Jr.
 Robert E. Miller, Jr.
 Clyde Nichols
 John N. Ratcliffe
 Thor N. Rhodin, Jr.
 Kenneth S. Roberts
 L. Paul Saxer
 Robert N. Strausbaugh
 Franklin P. Sweetser
 John H. Wise

1943

Amount — \$986.25

Eugene E. Anderson, Jr.
 Anonymous
 Arthur H. Bell
 Christopher J. Cadbury
 Paul M. Cope, Jr.
 J. Morris Evans
 Sumner W. Ferris
 James B. Gilbert
 William L. Grala, Jr.
 John F. Herman, Jr.
 John R. Hogness
 Byron E. Howe, Jr.
 Holland Hunter
 Lewis C. Kibbee
 David B. Kirk
 Howard B. Kriebel
 Leon Levintow
 H. Mather Lippincott, Jr.
 Russell M. Lyman

Robert MacCrate
 Avrel Mason
 John H. Meader
 John M. Moon
 Sterling Newell, Jr.
 Norman Peterkin
 George M. Ryrie
 John W. Severinghaus
 William Shihadeh
 John G. Shinn
 Gerow Smiley
 John W. Thacher, Jr.
 Harold S. Thomson
 Alexander C. Tomlinson
 Haskell Torrence
 John C. Whitehead
 Carl E. Widney, Jr.
 R. Bayly Winder

1944

Amount — \$1,222.73

C. Webster Abbott
 Charles S. Alden
 Ellsworth C. Alvord, Jr.
 L. Paul Bolgiano, Jr.
 John W. Clark
 William K. Conn
 J. Dee Crabtree, Jr.
 Cassin W. Craig
 Robert B. Day
 George V. Downing, Jr.
 Thomas Elkinton
 Charles E. Fox
 Jesse G. Grier
 Allan C. Hamilton
 Edm. E. Hammond, Jr.
 Robert W. Hill
 Walter Hollander
 William McC. Houston
 George W. Hubler
 John S. Klein
 John M. Krom
 Daniel K. Miller
 Gilbert H. Moore, Jr.
 Warren Moore, Jr.
 Arnold R. Post
 D. Patrick Robinson
 H. Royer Smith, Jr.
 David E. Stokes
 Samuel E. Stokes, Jr.

Spencer R. Stuart
 Richard H. Warren
 Richard W. Watkins
 Douglas C. Wendell, Jr.
 John S. Wires
 James H. Worl

Drayton M. Smith
 Albert T. St. Clair
 Richard S. Valentine
 Christopher Van Hollen
 S. H. Widdicombe, Jr.
 Daniel H. Winger
 James B. Wright
 Llewellyn P. Young

William J. McIlhenny
 George Nicklin
 Richard D. Rivers
 Robert P. Roche
 Martin Sanders
 Howard W. Starkweather
 Daniel H. Wagner
 H. Macy Whitehead

1945

Amount — \$848.50

Theodore C. Alford
 Andrew P. Allinson
 William W. Ambler
 Kenneth Bache
 Warren C. Baldwin
 George A. Bartholomew
 David E. Bassert
 Charles M. Boteler, Jr.
 John H. Bush
 John R. Cary
 Frederick T. J. Clement
 Dorland L. Crosman
 Geo. L. DeSchweinitz, Jr.
 Henry H. Fetterman
 Forrest L. Gager, Jr.
 James Gilmore
 Richard T. Hamilton
 Edward H. Handy, Jr.
 Arthur R. Harned
 John M. Harrer
 David Y. Y. Hsia
 Ralph B. Jackson
 Lewis M. Johnson
 James R. Johnston, III
 Arthur E. Jones
 William L. Lehmann
 Philip C. Mann
 Joseph P. Morris, Jr.
 Arthur W. Palmer
 Charles E. Pancoast, III
 John W. Pierson, Jr.
 William Pinch, Jr.
 Robert G. Pontius
 Edmond Preston, III
 Geert C. E. Prins
 Donald A. Purdy
 R. Arnold Ricks
 Dale B. Ride
 James A. Schnaars
 Charles A. Shields

1946

Amount Given — \$732

Robert H. Bedrossian
 Thomas M. Birdsall
 Arthur E. Bryson
 William D. Chapman
 William H. Chartener
 Robert F. Clayton
 Edward M. Cook, Jr.
 William T. Delp
 Hugh M. Edgerton
 Merrill Goodman
 Thomas P. Goodman
 S. Harley Gross
 Robert E. Henderson
 Paul M. Henkels
 Theophilus J. Herter
 Walter Y. Kato
 Bertram M. Kummel
 Donald B. McNeill
 Thomas W. Meldrum
 George Montgomery, Jr.
 Robert N. Price
 Charles O. Rose
 Thomas J. Ryan
 Charles S. Sangree
 Richard E. Spatz
 David S. Stewart
 James F. Sutor
 Donald F. Treat
 M. Gordon Wolman

1947

Amount Given — \$435

Peter G. Bennett
 Charles A. Doehlert, Jr.
 Robert M. Dowben
 Gerald C. Gross
 Charles T. Lenton, Jr.
 Cloyd Marvin

1948

Amount Given — \$345

Monroe E. Alenick
 Timothy B. Atkeson
 William P. Barker
 William W. Bell
 Byron E. Besse, Jr.
 Joseph C. Birdsall, Jr.
 Richard K. Dorn
 C. Daniel Drake
 Thomas T. Fleming
 William H. Harris
 John N. Hauser
 John K. Henne
 John R. Hoopes, Jr.
 J. Archibald Jacob, Jr.
 Robert M. Maquinary
 Paul F. Newman
 Martin Oppenheimer
 David A. Peters
 Richard W. Power
 Howard M. Rawnsley
 Richard A. Schlegel
 Richard W. Schuman
 George W. Taggart
 Edward S. Wheeler
 Robert J. Widmer

1949

Amount — \$904.35

John Anderson
 Omar Bailey
 Carlos Barraza
 Stuart M. Beck
 Addison S. Beckley
 Daniel S. Bernstein
 Sol Blecker
 Kenneth R. Blum
 J. Neil Boger
 Harold J. Brownlee, Jr.

James C. Buckley
 John R. Bullock
 James F. Canan
 Thomas P. Crolius
 F. James Dallett
 M. Daniel Daudon
 Carmen Di Giovanni
 Donald W. Disbrow
 Henry J. Dvorken
 Edward Echikson
 C. Willis Edgerton, Jr.
 Robert Edgerton
 Edmund K. Faltermayer
 Charles H. Geoffroy
 I. Robert Goodman
 Thomas D. Graff
 David S. Hastings
 Donald Hayes
 R. Nichols Hazelwood
 John B. Henkels, III
 William L. Hires
 George L. Hoffmann, Jr.
 Irving Hollingshead, Jr.
 F. Thomas Hopkins
 Robert G. Hoskins
 Harry A. Hume
 Ernest C. Hutchinson
 Robert J. Johnston, Jr.
 Homer M. Kimmich
 Milton P. King
 David S. Laity
 Thomas D. Langston
 James Q. Miller
 Stephen R. Miller
 William H. Miller
 William H. Mohn
 De Witt H. Montgomery, Jr.
 Robert L. Morris
 George H. Nofer, II
 Robert A. Prosser
 Douglas H. Richie
 George E. Ruff
 Edward O. Shakespeare
 C. Robert Shearer
 Royal F. Shepard, Jr.
 Ellis P. Singer
 Frank M. Snodgrass
 Donald I. Sparks

Stanley R. Tarr
 David E. Thomas
 James H. Thorpe
 David J. Tolan
 Conrad W. Turner
 Edwin E. Tuttle
 Robert H. Velte
 Robert D. Williams
 Robert A. Wingerd
 Theodore C. Wright
 Anonymous

1950

Amount — \$826.50

John Acton
 Joseph A. Barnes, Jr.
 Gordon B. Baldwin
 William S. Bishop
 L. Gordon Blasius
 Allan R. Brick
 Edwin L. Brown
 Paul Cates
 Nicholas G. Chantiles
 George D. Colman
 Brooks B. Cooper
 James G. Deitz
 John C. Dyson
 Theodore Eastman
 Richard M. Fletcher
 Peter B. Flint
 Thomas B. Gerlach
 Charles E. Gilbert
 Robert J. Healey
 Hoyt L. Hickman
 William J. H. Hough, Jr.
 Lawrence G. Imhof
 Edgar M. Jamison, Jr.
 A. Wilson Jones
 John Z. Katz
 Robert L. Kirk
 Andrew M. Knowlton
 Fred J. Lind, Jr.
 Andrew D. Lucine
 Karl S. Manwiller, Jr.
 Donald B. Martin
 Roger M. Morrell
 Kenneth M. Moser
 Richard N. Myers
 Merlin W. Packard
 Robert Parke, Jr.

William S. Peifer
 Edward L. Pennypacker
 Robert Pollard, III
 Charles W. Reninger, Jr.
 William L. Rhoads, III
 William Y. Rodewald
 Rufus C. Rudisill, III
 Walter H. Sangree
 Eugene Seder
 Joseph W. Sener, Jr.
 Paul R. Smith
 F. Scott Smyth, Jr.
 Edward R. Snader, III
 E. Thomas Snipes
 Harris I. Stern
 Thomas Stern
 Peter Stettenheim
 H. Frederick Strohl
 Runcie L. Tatnall, Jr.
 Thomas P. Thornton
 Keith H. Turley
 John A. Vitello
 William W. Vogel
 Ian G. Walker
 W. Brinton Whitall
 James Wood, III
 Andrew J. Zweifler

1951

Amount Given — \$824

H. David Abbott
 Nwanneka Adimora, M.D.
 Donald S. Amussen
 Laurence H. Autenreith
 Robert DeP. Brown
 Gouverneur Cadwallader
 Oscar W. Carlson
 Allen B. Clayton
 Richard K. Conant, Jr.
 John J. Cooney
 Harold I. Cragin
 Nevius M. Curtis
 John H. Davison
 Allen H. Dewees
 John L. Dodge
 Kenneth M. Dolbeare
 Richard J. Eberly
 Philip Edgerton
 Robert B. Edmiston

P. Thomas Feeser
 Philip J. Flanders
 Floyd F. Ford, Jr.
 Robert W. Freeman
 James C. French
 Thomas Garbaty
 J. Brooke Gardiner
 Charles D. Griffith
 John L. Holcombe
 C. Dallett Hoopes
 John M. Hume
 Arkady Kalishevsky
 F. Scott Kimmich
 Wayne T. Kratz
 Robert B. Kunkel
 Gilbert M. P. Leib
 Frederick S. Miller, Jr.
 Barton Milligan
 Alexander B. Milyko
 Anthony J. Morley
 Frederic O. Musser, Jr.
 Howard T. O'Neill
 Edward B. Patterson, Jr.
 James C. Peden, Jr.
 Darwin J. Prockop
 R. James Quillen, Jr.
 Andrew J. Scheffey
 C. Stanley Searle
 F. Parvin Sharpless, Jr.
 Paul E. Shipley
 Karl H. Spaeth
 William S. Tassman
 Peter K. Thoran
 David K. Trumper
 Robert N. Tucker
 Harold F. Vedova
 Charles N. Welsh
 D. Elliott Wilbur, Jr.
 Alan T. Willoughby
 William D. Wixom
 John G. Zerrer

1952

Amount Given — \$815

Robert W. Atkinson
 Peter O. C. Austin-Small
 William L. Bair
 Richard K. Barnes
 Victor Basiuk

Philip J. Baur
 Howard Bliss
 William H. Boger
 Jeremy F. Boissevain
 B. Donald Broadbelt
 Donald Chandler, Jr.
 Robert S. Chase
 Robert M. Collins
 Sydney M. Cone, 3rd
 Allen P. Crolius
 Peter W. Cummins
 William H. Darlingdon
 Richard W. Eller
 William A. Elliot
 Curt F. Fey
 Robert T. Foley
 Robert J. Franke
 Gerald Freund
 Burrill M. Getman, Jr.
 Vincent Giplin, Jr.
 Edgerton Grant
 Joseph H. Greene, Jr.
 Richard J. Greenwood
 Robert A. Hammond
 Daniel W. Hardy
 Peter R. Haviland
 Frederic V. Hetzel
 Robert T. Ives
 Donald W. James, Jr.
 A. Clark Johnson
 E. Arnold Jones
 Roger F. Jones
 Frank Keetz
 John R. Killian
 George E. Lamphere
 Peter W. Lande
 Lawrence M. Leonard
 Eric Loeb
 Lloyd O. Loechel, Jr.
 David C. Mactye
 Alfred B. McKenzie
 Richard K. Mead
 William D. L. Melcher
 R. Richard Messick
 Frank V. Miles
 Paul C. Milner
 Richard W. Newbold
 Peter Oliver
 G. Porter Perham
 James B. Ranck, Jr.

C. Peter Rosenbaum
 Hershel Shanks
 Paul L. Sterner, Jr.
 John C. Wagner
 Robert C. Whitaker
 David P. Willis
 F. Thomas Wilson
 Richard E. Wilson
 John W. Woll, Jr.
 Thos. M. Woodward, Jr.
 Donald L. Young
 Walter G. Young

1953

Amount — \$726.63

A. Reid Allison, Jr.
 Scott Anderson
 John F. Benton
 Thomas N. Bisson
 Joel M. Bockol
 John M. Burge, Jr.
 David H. Caskey
 David V. Clark
 Jerome F. Crowley, Jr.
 Robert T. Curran
 Hugo L. Deaton
 David N. Denman
 Joseph S. Dibble
 John Dixon
 Raymond L. Falge, Jr.
 Daniel R. Fascione
 Kenneth L. Fernandez
 Lee Forker
 George Fuller
 Milton McC. Gatch, Jr.
 Thomas H. Goldsmith
 Roger C. Good
 William F. Haines, II
 Norris Hansell, IV
 John C. Harris
 Joseph E. Helweg, Jr.
 Herbert W. Hickman
 Bruce Z. Hollmann
 Hubert F. Howson
 Herbert A. Huene
 C. A. W. Hurtubise, Jr.
 Milton H. Isay

Karl W. G. Kumm
 Richard T. Lane, Jr.
 John W. Ledebor, Jr.
 John M. Leggett
 Arthur W. Leibold, Jr.
 Andrew L. Lewis, Jr.
 Richard R. Lingeman
 Robert C. Logan
 Robert S. Matteson
 David Mayer
 Kenneth F. McCurdy
 Frederick W. Millspaugh
 Lawrence C. Morris, Jr.
 H. William Morrison
 George Nash
 Robert L. M. Nevitt
 Frederick J. Piotrow
 H. Edward Reed
 Edward P. Rich
 Burton R. Saidel
 G. David Schlegel
 Robert T. Seeley
 Mark Sexton
 Labron K. Shuman
 John M. Somerndike
 John E. Steely, Jr.
 Joseph H. Stein, Jr.
 Lewis J. Thomas, Jr.
 Philip G. Vance
 William A. Wightman
 David C. Wilson
 Mitchell Winn
 Thomas A. Wood

1954

Amount Given — \$811

Theodore G. Belote
 Philip S. Benjamin
 M. Wyllis Bibbins
 Richard B. Bourne
 John C. Burton
 Paul P. Craig
 James D. Crawford
 Joseph G. T. deBerry
 S. John Eagleton
 Austin J. Farrell
 Robert P. Feeser
 James P. Felstiner
 Charles L. Fry
 Christian M. Hansen

Keith J. Hardman
 Earl G. Harrison, Jr.
 John S. C. Harvey, III
 Conrad F. Hellwege, Jr.
 Edw. P. Hollingsworth, Jr.
 H. Philip Howorth
 L. Morris Johnson
 William G. Kaye
 Heinz F. Koch
 Mark C. Lissfelt
 Michael Moore
 D. Frederick Muth
 David R. Perry
 Richard M. Polsky
 R. Ronald Reno
 Thomas B. Rentschler
 Hiram D. Rickert, Jr.
 Rodman S. Rothermel
 Stephen H. Sachs
 C. Edward Schofer
 Paul S. Seaver
 Richard W. Silver
 Edward M. Steele
 Richard Taylor
 J. Darrah Thomas
 George F. Todd, Jr.
 John G. Walton
 William B. Watson
 Christopher White
 William C. Wilson
 Peter Woll
 John C. Wren

1955

Amount — \$356.50

Gerald S. Albright
 Jonathan P. Albright
 Alexander C. Allen
 John J. Allen
 Robert W. Alvord
 Robert P. Apmann
 Harris C. Arnold, Jr.
 Koya Azumi
 Lee C. Bennett, Jr.
 Eric D. Blanchard
 Anthony Borton
 James B. Bradbeer
 William S. Bradfield, Jr.
 James A. Braker

Donald F. Cone
 Richard E. Croasdaile, Jr.
 Roswell Eldridge
 John B. Flint
 Marc A. Forman
 O. Lehn Franke
 Alexander M. Goldfinger
 Thomas B. Goodkind
 George W. Gray
 Henry I. Hamburger
 David E. Hogenauer
 Johns W. Hopkins, III
 Ira E. Kanter
 Chase D. Kepner
 Arthur Klein
 Jack Lubin
 J. Robert MacKenzie
 C. Bray Manchester
 Morton S. Mandell
 William S. Masland
 Robert D. Masterson
 J. Gordon McDonald
 Grant Morrow, III
 Urban H. Moss, Jr.
 Charles F. Neuhaus
 Jay A. Noble
 John H. Osler, III
 Garth R. Parker
 Theodore C. Penick
 Paulding Phelps
 Harrison C. Raper
 Robert E. Read
 Bruce Reeves
 M. Huyett Sangree, Jr.
 Joseph Schatanoff
 Robert G. Schwartz
 John M. Strotbeck
 Robert G. Wilson

1956

Amount Given — \$647

George M. Anderson
 Anonymous
 Vincent S. Aversa
 A. Ralph Barlow
 John S. Barrett
 Robert P. Broughton
 Frederick M. Burelbach
 Enrique R. Capo
 Donald F. Cohill

Philip D'Arrigo
 John H. Dick
 Franklin A. Duttonhofer
 George H. Fettus, III
 Harold M. Friedman
 Robert J. Gage
 Thomas H. Garver
 John H. Gould
 Joseph E. Green, III
 Marshall G. Greenberg
 David G. S. Greene
 Robert B. Greer, III
 Norman Grossblatt
 Winfield S. Hall
 Daniel E. Harris
 John R. Hawkins
 Joseph H. S. Hoag
 Joseph L. Horner
 R. Allen Irvine
 Richard A. Isay
 Otis S. Johnson
 Joel I. Judovich
 George P. Keeley
 John L. Kemmerer
 Stephen B. Knowlton, Jr.
 Ernest Kurkjian
 David A. Kushner
 Walter E. Langsam
 Newell B. Mack
 George Malko
 William J. Marble
 Thomas W. Martenis
 Stanley L. Mazurek
 Robin S. McDowell
 Arthur M. McLean

Donald C. Mead
 Louis H. Miller
 H. William Ortman
 John L. Pfaltz
 Theodore M. Regan, Jr.
 John B. Rhoads
 H. Burt Richardson, Jr.
 C. Robert Ruppenthal
 Frederic N. Schwentker
 David B. Seaver
 H. Stark Semans
 Steven H. Sieverts
 Michael E. Smith
 Geoffrey H. Steere
 Neil W. Swinton, Jr.
 John W. Thomas
 Robert P. Wallace
 D. Sellers Walton
 Harold D. Weaver, Jr.
 D. Alexander Wieland, Jr.
 Lewis R. Woodham
 Lamar deB. Woznicki

Roger S. Foster, Jr.
 James B. Francis, Jr.
 Diller B. Groff, III
 John B. Gruber
 Paul R. Haviland, Jr.
 Warren B. Hecht
 Michael M. Heeg
 Rolland H. Henderson
 Christopher W. Hurd, Jr.
 Robert W. Hunt
 Stanley B. Johnson, III
 Robert W. Leeds, Jr.
 W. Herbert Long, III
 Charles S. Mack
 Louis R. Matlack
 Douglas W. Meaker
 Erik B. Mezger
 Daniel W. Nauman
 William L. Newmeyer, III
 Lincoln D. Paine
 Robert B. Price, Jr.
 Ralph C. Sanson, Jr.
 John R. Schott
 Richard B. Smith
 William D. Stine
 Daniel W. Swift
 Henry M. Thomas, III
 Joseph S. Torg
 Richard V. Wagner
 John G. Wallace
 Howard L. Walton
 James N. Whitney
 E. Reed Wilbur
 Jack N. Wilentz
 Howard L. Wolf

1957

Amount Given—\$361.81
 Anthony G. Amsterdam
 Charles V. Brown, Jr.
 P. Craig Bucy
 Pierre Clavel
 Donald A. Crane
 Robert W. Densford, II
 William P. Doherty, Jr.
 Michael B. Donham
 Richard T. T. Forman

MASTER OF ARTS CONTRIBUTORS

Amount Given—\$346.50

Ira O. Kemble '95
 William W. Hastings '96
 Luther M. Hunt '96
 Robert H. Dann '18
 Elizabeth Marsh Jensen '25
 Hershal L. Macon '25
 Gerald D. McDonald '28

David H. Parsons, Jr. '34
 William B. Edgerton '35
 Clarence R. Perisho '39
 Samuel D. Kron '40
 Frank M. Weiskel '42
 Charlotte Brooks Read '44
 Elizabeth Brosius Garrison '45

Constance Walten Rendall '45
 Annette Jones Reynolds '45
 Comfort Cary Richardson '45
 Jean Litchman Trapido '45
 Gerhard Friedrich '47
 Betty Freyhof Johnson '47
 John H. Bottjer '49

Bradshaw Snipes '49
 Richard M. Gummere, Jr. '51
 Polly I. Taylor '52
 Daniel N. Hoffman '53
 Paul W. Weiser '53
 Michael Gunther '55

NON-ALUMNI CONTRIBUTORS

Amount Given—\$21,257

Mr. and Mrs. Harry Abramson	Mr. and Mrs. F. A. Duttonhofer
Mr. and Mrs. Wroe Alderson	Mr. and Mrs. Elchanan Echikson
Mr. and Mrs. Elmer Andrews	Mr. and Mrs. Henry Ecroyd
Dr. and Mrs. L. Earle Arnow	Mr. John T. Edsall
Mr. and Mrs. Robert A. Arny	Dr. Warren H. Eller
Mr. and Mrs. Burton N. Behling	Mr. and Mrs. Arthur T. Ellison
Mr. and Mrs. Philip E. Benjamin	Anna Cope Evans
Mr. and Mrs. John H. Bertolet	Mr. and Mrs. Edmund A. Fenander
Dr. and Mrs. Adolph F. Bien	Mr. and Mrs. George Fernsler, Sr.
Mr. and Mrs. William R. Bingham	Dr. Joseph T. Forster
Mrs. Agnes Blackburne	Dr. and Mrs. Lee Foshay
Mr. and Mrs. Robert C. Blake	Dr. and Mrs. Abraham S. Freedberg
Dr. and Mrs. Morton E. Block	Mrs. Frances B. Friedman
Dr. and Mrs. Benjamin Boshers	Mr. and Mrs. William G. Fullard
Dr. and Mrs. Paul C. Bucy	Mr. and Mrs. John Gardiner, Jr.
Cabot Foundation, Inc.	General Electric Educational
Mr. and Mrs. Richard M. Cameron	and Charitable Fund
Mr. Wilfred E. Campbell	Dr. and Mrs. Augustus Gibson
The Bank of New York	Mr. and Mrs. Ellis A. Gold
Mr. and Mrs. James F. Carlin, Sr.	Mr. and Mrs. Henry F. Goldsmith
Mr. and Mrs. Tin-Yuke Char	Mr. and Mrs. A. Allan Goodman
Mr. Robert S. Chase	Mrs. Dudley H. Grant
Mrs. Carl T. Clarke	Mr. and Mrs. Philip H. Gray
Dr. Frances M. Clarke	Dr. and Mrs. Joseph E. Green
Mrs. Robert F. Clayton	Dr. and Mrs. Warren W. Green
Mr. and Mrs. Richard E. Clemson	Dr. and Mrs. John Q. Griffith
Mr. and Mrs. Robert T. Colburn	Mr. and Mrs. Irvin J. Gruber
Mr. and Mrs. William C. Coles, Jr.	Gulf Oil Corporation
Mr. and Mrs. LeRoy Comanor	Mrs. Maurine K. S. Hayter
Mr. E. H. B. Cornell	Dr. and Mrs. Charles L. Hobaugh
Corporation of Haverford College	Mr. and Mrs. Maurice Horwitz
Mr. and Mrs. Raymond Curtis	Mr. and Mrs. Donald K. Howard
Mr. and Mrs. Maxwell Dane	Mr. Ernest L. Hutchinson
Mr. Walter S. Davison	Mrs. Milton Isay
Dr. and Mrs. Douglass A. Decker	Mr. and Mrs. Maurice Iserman
Mr. W. L. J. DeNie	Dr. and Mrs. Donald T. Jackson
Mrs. Agnes Dougherty	Mr. J. Robert James
Mr. and Mrs. Paul M. Duff	

Mr. and Mrs. Robert L. James, Jr.
 Mr. Ashmore C. Johnson
 Mr. and Mrs. Arthur Jones
 Jones and Laughlin Steel Corp.
 Mr. and Mrs. Walter E. Kaegi
 Mr. and Mrs. Richard M. Kain
 Mr. and Mrs. Harry E. Kalodner
 Mr. Joseph Katowitz
 Dr. Stanley E. Kerr
 Mr. and Mrs. Joe Kindig, Jr.
 Dr. and Mrs. Otto Klineberg
 Mr. and Mrs. Alexander B. Klots
 Mr. Michael E. Kratz
 Lakeland Foundation
 Mr. and Mrs. Frank E. Lamphere
 Mr. and Mrs. Hal B. Lary
 Mr. and Mrs. Robert B. Lea
 Mrs. Morris M. Lee
 Mr. and Mrs. Robert E. Lewis
 Christian R. and Mary F. Lindback
 Foundation
 Mr. Paul S. Lippincott, Jr.
 Mr. and Mrs. Joseph LoCicero, Sr.
 Dr. Stephen D. Lockey
 Mrs. Clara B. Longacre
 Dr. Albert A. Lucine
 Mr. and Mrs. Otto Lutherer
 Mr. and Mrs. John G. Macort
 Mr. Ward Madison
 Dr. and Mrs. Emanuel Mandell
 Mr. Walter E. Margie
 Mr. and Mrs. George Martin
 Mr. Lee C. McCandless
 McGraw-Hill Publishing Co., Inc.
 Mrs. Harold H. McLean
 Mr. and Mrs. Myer D. Mermin
 Mr. Louis J. McCloskey
 Mr. and Mrs. Cloy M. Miller
 Mr. and Mrs. John G. Mohr
 Mr. and Mrs. Herbert N. Monkemeyer
 Mr. and Mrs. Kenneth W. Morgan
 Mr. George L. Morris
 Mrs. Joseph H. Morris
 Dr. and Mrs. Grant C. Morrow
 Mr. Frank Murphey
 Dr. and Mrs. Harold E. Musser
 Mrs. Isaac Myers
 National Lead Foundation, Inc.
 Mr. and Mrs. Phillip Nolte

Mr. and Mrs. Harold S. Ogden
 Mr. and Mrs. David M. Paskow
 Mr. and Mrs. Franklin H. Pennell
 Pennsalt Chemicals Corporation
 Mr. and Mrs. Harvey C. Perry
 Mr. and Mrs. Hugo M. Pfaltz
 Mr. and Mrs. Harry Phillips
 Dr. and Mrs. Henry Phillips, Jr.
 Mr. and Mrs. Jackson C. Phillips
 Mr. and Mrs. Henry L. Pierson
 Mr. and Mrs. George Keller Pursel
 Mr. Kendrick W. Putnam
 Dr. and Mrs. William F. Putnam
 Mr. and Mrs. John S. Pyke
 Mr. Ralph D. Quinter
 Mr. and Mrs. Henry A. Ramey
 Mr. and Mrs. Paul C. Raymond
 Mr. and Mrs. Albert Reiner
 Mr. and Mrs. Russell R. Reno
 Mrs. Junius A. Richards
 Drs. George and Marie Riegl
 Mr. and Mrs. Paul G. Rodewald
 Mr. Edward Rondthaler
 Mr. Arthur Rosenbaum
 Mr. and Mrs. Benson N. Schambelan
 Dr. and Mrs. Lewis C. Scheffey
 Dr. and Mrs. Abraham Schwartz
 Scott Paper Co. Foundation
 Mr. and Mrs. Samuel C. Segal
 Mr. and Mrs. Herman S. Shafer
 Mr. and Mrs. William F. Shelton
 Mr. and Mrs. John E. Shepherd
 Mr. and Mrs. John C. Shillock, Jr.
 Mr. James Smillie
 Smith Kline and French Foundation
 Mr. L. Cheyney Smith
 Mrs. Howard W. Starkweather, Sr.
 Dr. and Mrs. George H. Stein
 Dr. and Mrs. Leland E. Stevenson
 Mr. and Mrs. William P. Steward
 Mr. and Mrs. Arthur G. Stone
 Mr. and Mrs. David Teitelbaum
 Mr. and Mrs. C. Howard Thomas
 Dr. and Mrs. T. Ewing Thompson
 Dr. and Mrs. Charles G. Thorne
 Dr. and Mrs. Herman H. Tillis
 Towers, Perrin, Forster & Crosby, Inc.
 Mrs. Jeannette K. Trumper
 Mr. Philip W. Vance
 Mr. and Mrs. Frank Versaci

Mr. George V. Wallace, Jr.
Mrs. Alexander N. Warner
Mrs. Sylvia D. Wedner
Mr. E. Hambleton Welbourn
Miles White Beneficial Society
Mrs. Margaret R. H. Whitney

H. Justice Williams
Mary M. Wilson
Mr. and Mrs. Abraham Woldorf
Dr. and Mrs. Alfred Yood
Mr. and Mrs. Cyrus C. Young
Anonymous

WILLIAM MAUL MEASEY TRUST

This Trust was established by William Maul Measey by Agreement dated June 27th, 1952 and supplementary Agreement dated April 26th, 1956.

The Trust Agreements provide that the income shall be granted as aid to students without restriction as to sex, race or religious affiliation, in selected secondary schools or colleges, who on the basis of character, scholarship and financial situation, merit assistance in continuing their education.

In secondary schools aid is to be given to students who live in the institutions during school terms, and not to day students.

The Capital of the Trust is to be invested solely in common or ordinary corporate shares.

FINANCIAL STATEMENT

9/1/57 - 8/31/58

Book Value of Trust - 9/1/57	\$ 1,086,161.63
Increase in Trust by additional gifts and realized gains	56,622.45
Book Value of Trust - 8/31/58 (less than market value)	<u>\$ 1,142,784.08</u>

CASH STATEMENT OF RECEIPTS & EXPENDITURES

Principal

Cash balance - 9/1/57	\$ 3,991.99
Investments realized	109,772.84
Additional gifts	25,000.00
	<u>\$ 138,764.83</u>
Investments made	\$ 136,262.46
Cash balance 8/31/58	2,502.37
	<u>\$ 138,764.83</u>

Income

Receipts, disbursements and reserves

Income from investments and reserves - 9/1/56 - 8/31/57	<u>\$ 69,908.94</u>
Disbursements - 9/1/56 - 8/31/57	
To Haverford College for administration of Trust	\$ 5,696.04
To Haverford College for aid to 65 students	32,585.62
To other colleges for aid to 7 students	4,000.00
To secondary schools for aid to 60 students	23,000.00
Reserve - 8/31/57 available to Haverford College for student aid	1,245.00
Reserve - 8/31/57 available to other colleges and secondary schools	3,382.28
	<u>\$ 69,908.94</u>

In order that the income available from the Trust for aid to students may be known at the beginning of each fiscal year, such income is accumulated and not awarded nor disbursed until the following year.

The income during fiscal year from 9/1/57 to 8/31/58 amounted to \$65,430.88, of which under the terms of the Trust, The Corporation of Haverford College was entitled to 10 per cent expense of administration.

TRUST FUNDS

W. PERCY SIMPSON TRUST

Provident Trust Co. and William J. Clark Trustees

This perpetual Trust was established under the will of W. Percy Simpson, Class of 1890, who died Second Month 19, 1938. The will provides that one fourth of the net income from the residuary estate, after the death of his widow (who died in 1940) and of his son (who died in 1946), shall go to two grandchildren, and of the remaining three quarters one tenth shall go to Haverford College. Thus Haverford's share of the income now is 3/40th. The income comes partly from securities but largely from Texas Oil Royalties and rentals. Of the present income as estimated by the Trustees, Haverford's share is about \$1,875 per annum.

The will further provides "without imposing any obligation upon Haverford College, I recommend to it the advisability of expending the moneys which shall from time to time come to it under this will or so much thereof as may be required, for the examination and analysis of applicants for admission to the College with respect to their mental, physical and general qualifications, and of students therein for the purpose of determining the field of activity best suited to the individual."

The will further provides that whenever a vacancy shall occur by the death or resignation or otherwise of the individual Trustee, the selecting of a new Trustee shall be done by the governing body of Haverford College, and that if the College fails to perform this duty, the payment of further income to it shall terminate.

HENRY C. BROWN TRUST

Pennsylvania Co. for Banking and Trusts, Trustee

Founded Eighth Month 18, 1948, by bequest of estimated value of \$183,000 from Henry C. Brown, of Philadelphia, ex Class of 1866, to the Pennsylvania Co., in trust for benefit of Haverford College. The will provides that the income is to be used for current expenses. The will further provides that "the said College shall have power in its discretion to use a portion of the principal of the said trust estate not exceeding in any one year twenty per cent of the original fund for permanent purposes such as buildings, books and equipment proper for conducting the work of instruction and education."

NATHAN BRANSON HILL TRUST

Founded in 1904 by deposit with First National Bank and Trust Company of Minneapolis, Minn., Trust, of a paid up life insurance policy for \$5,000 by Samuel Hill, '78, being in memory of his father, Nathan Branson Hill. The income is to be used to aid in the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. In 1931 Samuel Hill died and the policy realized \$5,039. The Trust is to remain in the care of the above named bank, now known as First National Bank of Minneapolis, until twenty-one years after the death of Samuel Hill's son, James N. Hill, who is still alive. At that time, the Trust is to terminate and the principal is to be vested in Haverford College absolutely.

MARY FULLER COOK TRUST

Girard Trust Corn Exchange Bank, Trustee Under Deed, Dated July 29, 1948

This perpetual trust created by deed of Mary Fuller Cook, who died April 25, 1955, widow of J. Horace Cook, Class of 1881, became operative in so far as the college is concerned, July 14, 1957, upon death of a life tenant.

The income from this trust is to be added to that from J. Horace Cook Fund "subject to the provisions of that Fund, but with the understanding that if, in the judgment and discretion of the authorities of the college, such income shall be needed for purposes of the college other than scholarships, the college shall be free to so use it."

ENDOWMENT FUNDS

FUNDS FOR GENERAL PURPOSES

GENERAL ENDOWMENT FUND

Founded in 1847 with subscriptions of \$50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, \$5,000; 1869, bequest of Ann Haines to increase the compensation of professors, \$2,670; 1870, bequest of Richard D. Wood, \$18,682.96; 1872, from William Evans, \$1,000; 1874, from executors of Jesse George, deceased, \$5,000; 1880, bequest of Dr. Joseph W. Taylor, \$5,000; 1901, legacy of Ann Williams, \$2,425.50; 1941, from children of Aubrey C. Dickson in his memory, \$300; 1954, Maria Luisa Gildemeister, \$500; 1955, Estate of Elizabeth S. Dillinger, through Bessie Kohne Schenck, \$3,000. Present book value, \$100,795.14. The income is used for salaries and scholarships.

JOHN FARNUM MEMORIAL FUND

Founded in 1878 by the heirs of John Farnum by gift of \$25,000 as a memorial to him. Added to in 1899 by legacy of \$10,000 from Elizabeth H. Farnum, widow of John Farnum. The income only is to be used to endow a "professorship of some practical science or literature." The chair of chemistry was designated as the "John Farnum Professor of Chemistry." The principal is held in the name of three Trustees for the benefit of The Corporation of Haverford College. Present book value, \$33,226.06.

JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whittall, Sr. Present book value, \$10,640.09. The bequest is upon the condition that the art of drawing, especially mechanical drawing, shall be taught, and the income only is to be used, and for this purpose.

DAVID SCULL FUND

Founded in 1885 by bequest of \$40,000 from David Scull, Sr. Present book value, \$44,806.59. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

EDWARD L. SCULL FUND

Founded in 1865 by net bequest of \$9,500 from Edward L. Scull, '64. The legacy was added to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present book value, \$11,364.35. The income only is to be used. The bequest is free from any legally binding conditions, but it was the testator's desire "that some judicious means shall be employed by the Managers to further advise students on the subjects of diet and reading."

WISTAR MORRIS MEMORIAL FUND

Founded in 1892 by gift of \$5,000 in bonds by Mary Morris, widow of Wistar Morris, as a memorial to him. There are no restrictions. The income is used for general college purposes. Present book value, \$5,144.24.

ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of \$9,667.83 from Israel Franklin Whittall. Present book value, \$10,781.94. The income only is used for the payment of professors or teachers.

JACOB P. JONES ENDOWMENT FUND

Founded in 1897 by residuary legacy of Jacob P. Jones. This amounted when received to par value of \$279,021.60; book value, \$332,301.60, and sundry real estate. The real estate has all been sold, netting \$847,709.92. Present book value, \$1,301,375.34. The income only is to be used for general college purposes, and out of said income there shall be admitted a portion at least of the students either free of charge or at reduced rates. In accordance with this provision, about \$7,500 per annum is used for scholarships, and the balance of income for general college purposes. Jacob P. Jones' will contains the following: "My hope is that under the blessing and favor of God there will come from this source a revenue which shall be productive of growth and vigor in the institution as well as help at this critical period of their lives to many deserving young men of slender patrimony."

JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY, AND KINDRED SUBJECTS

Founded in 1900 by the late T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in cash and securities of a par value of \$43,000, shortly afterwards increased by further gifts of \$15,000. The founder made further gifts of cash and securities until 1915, the total being \$19,381 cash and \$48,500 par of securities with book value of \$41,490. His total gifts therefore had a book value of \$234,970.81. Of this, \$5,000 donated in 1910 is for endowment of prizes in Biblical History and in Philosophy. A portion of the income was capitalized each year to keep intact the full value of the fund until 1940 when this fund was included in the Consolidation of funds. Present book value, \$275,899.76. The income only is to be used for the purpose of making provision for the regular study of the Bible and Biblical History and Literature, and as way opens for religious teaching. In 1910, the scope and title of the Fund were enlarged to include "and Philosophy and Kindred Subjects." Income up to \$200 may be used for prizes in Biblical Literature and Philosophy.

CLEMENTINE COPE ENDOWMENT FUND

Founded in 1904 by bequest of \$25,000 from Clementine Cope. There are no restrictions. The income is used for general college purposes. Present book value, \$21,493.67.

JOSEPH E. GILLINGHAM FUND

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. The testator said, "I request, but I do not direct, that part of the income of this legacy may be used for free scholarships for meritorious students." In accordance with this request, \$800 was until recently appropriated annually from the income for scholarships, the balance being used for general college purposes. Present book value, \$42,394.72.

ELIZABETH H. FARNUM FUND

Founded in 1891. The original principal of this fund, amounting to \$10,000, was held by the Provident Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum of Philadelphia. The income was first paid to a life tenant until 1914, when income first accrued to the College "for the payment of the salaries of teachers and professors by the said College employed." Under date of Ninth Month 18, 1944, upon petition of the Trustee, concurred in by the College, the Court of Common Pleas awarded the principal to the Corporation of Haverford College "to be administered by it for the purposes set forth in the deed of trust in accordance with the non-profit corporation law."

JAMES R. MAGEE FUND

Founded in 1915 by bequest of \$10,000 from James R. Magee, '59, and added to in 1925, 1926, 1928, 1929, 1930, 1931, 1932, 1936, 1937, 1940, and 1944 by additional payments of \$29,182.84, \$1,694.84, \$499.31, \$499.68, \$488.85, \$207.33, \$400, \$250, \$100, \$449.89, \$175.00, 197.99 (1947-48) and \$7.40 (1948-49), under his legacy. Present book value, \$45,035.96. There are no restrictions except that the income only is to be used. This is applied to general college purposes.

ALBERT K. SMILEY FUND

Founded in 1915 by gift of \$1,000 from Daniel Smiley, '78, as a memorial to his brother, Albert K. Smiley, '49, and added to in 1924 and 1926. Present book value, \$1,500.00. There are no restrictions except that preference was expressed that the income only should be used. This is applied to general college purposes.

THE HINCHMAN ASTRONOMICAL FUND

Founded in 1917 by bequest of \$10,000 par value securities from Charles S. Hinchman. Increased in 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, and 1936 by donations of \$28,926.95 from a friend of the College. Present book value, \$39,515.48. The income only to be used "to increase the salary of the astronomical professorship so as to provide a suitable instructor in the ennobling study of the heavens."

WALTER D. AND EDITH M. L. SCULL FUND

Founded in 1918 by bequest of Walter D. Scull, whose death followed shortly after the death of his sister, Edith M. L. Scull. Each left his or her estate to the other, unless predeceased; in this latter case both American estates were left to Haverford College. Both were children of Gideon D. Scull, '43, and resided in England. Income accumulated before the receipt of the fund by the College amounted to \$16,887.66, of which \$15,078.51 was added to the

principal of the fund. Present book value, \$174,560.31. The fund was created to establish a professorship of modern English constitutional history, and the chair has been designated as the Walter D. and Edith M. L. Scull Professorship of History.

ALBIN GARRETT MEMORIAL FUND

Founded in 1919 by legacy of \$25,000 from Mary Hickman Garrett, in memory of her late husband, Albin Garret, '64. Present book value, \$26,771.00. There are no restrictions. The income is used for general college purposes.

ARNOLD CHASE SCATTERGOOD MEMORIAL FUND

Founded in 1919 by gift of \$30,000 in securities from Maria Chase Scattergood in memory of her son, Arnold Chase Scattergood, of the Class of 1919, who died in his Junior year. The income only is to be used toward the payment of professors' salaries. Present book value, \$24,381.59.

FRANCIS B. GUMMERE MEMORIAL FUND

Founded in 1920. This fund was started by a gift of \$25,000 from the late Miss Emily H. Bourne, of New York, conditional upon the raising of \$100,000 additional for an endowment of the Chair of English Literature in memory of her friend, Professor Francis Barton Gummere. A committee of alumni, consisting of J. Stoddell Stokes, '89, chairman; E. R. Tatnall, '07, treasurer; Hans Froelicher, '12, secretary; Charles J. Rhoads, '93; Alfred M. Collins, '97; Winthrop Sargent, Jr., '08, and Parker S. Williams, '94, working with President Comfort, organized a comprehensive campaign among the alumni and friends of the College to raise \$375,000 for this purpose and for increase of professors' salaries; the first \$100,000 of unspecified gifts was used to complete the Francis B. Gummere Memorial Fund to at least \$125,000, and the balance comprised the Isaac Sharpless Memorial Fund. Total, book value, \$125,569.51.

ISAAC SHARPLESS MEMORIAL FUND

Founded in 1920. The alumni of the College conducted during 1920 a campaign for \$375,000 additional endowment for the College to make possible additional salaries to the professors. Appeal was made to found two new funds, the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund. The funds received, except where otherwise specified, were first applied to the completion of the former up to \$125,000 (see above). Specified gifts and donations thereafter received, were then applied to the Isaac Sharpless Memorial Fund. The income only is to be used for salaries of professors. Total book value, \$218,728.43.

GENERAL EDUCATION BOARD FUND

The General Education Board of New York appropriated \$125,000 in 1920 to the campaign for increase of endowment when the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund, totaling \$375,000, were raised. Interest at five per cent was paid on the full sum for three years, and the \$125,000 in full payment was completed in 1926-1927. Total book value, \$126,076.83.

HAVERFORD IMPROVEMENT FUND AND CONSOLIDATED CAMPUS HOUSES ACCOUNT

Founded in 1922 to hold the Corporation's undivided share in College Lane land and eight houses. This property was turned over to the Corporation free of debt on Third Month 17, 1922, and with same the then debt of the Corporation amounting to \$155,942.15 was liquidated. The fund started with an

undivided interest of \$19,000. There was added in 1922, \$9,000; and in 1925, \$2,000. In 1926, \$5,000 of this fund was sold and the proceeds were appropriated for the alterations to Roberts Hall. The balance of this fund, \$25,000, was also used in 1927 for the same purpose. The income was used for general college purposes.

The College Lane land was purchased in 1886 for the benefit of the College by David Scull, Justus C. Strawbridge, Richard Wood and Francis Stokes, Managers of the College and now all deceased. With contributions raised by them and by mortgages on which they went on the bonds, funds were raised to build six dwelling houses, and two houses were built by the Corporation itself. From the income of the houses the debt against the properties was gradually reduced until it was entirely liquidated in 1919. The net income from 1919 until 1922, when the property was turned over to the Corporation, was applied toward the reduction of the Corporation's debt.

As of Ninth Month 1, 1944, all of these eight College Lane houses, together with seven houses which had been bought for the College and formed a part of the College debt, and nine other Campus houses which were owned free of debt, were consolidated at a combined valuation of \$281,331.70 into a new Campus Houses Account held by Consolidated Investment Account. There have been additional investments in other College houses from time to time and the present book value is \$624,503.92. Amortization of 1½% is to be applied to the annual reduction of the investment.

WILLIAM PENN FOUNDATION

Started in 1926 toward a fund of \$120,000 to establish a chair or lectureship in Political Science and International Relations. This fund forms a part of the Centenary program to raise \$1,000,000. This foundation is to be devoted, at the discretion of the Managers, to providing adequate undergraduate instruction in the theory and practice of our own and other governments, in the history of past attempts to secure international agreements and in the methods by which good international understanding may be promoted and maintained. Book value to date, \$102,067.43.

WALTER CARROLL BRINTON MEMORIAL FUND

Founded in 1920 by gift of \$5,000 by the family of Walter Carroll Brinton, Class of 1915, who died in France Twelfth Month 8, 1918, while engaged in Friends' Reconstruction Work. The fund sustained the Walter Carroll Brinton Scholarship until 1926-1927. It was then increased \$6,000 by further gifts of the founders, and at their request the purpose was changed from a scholarship fund to form a separately named fund of the William Penn Foundation, with its income to be used for the same objects. Present book value, \$14,125.79.

CORPORATION FUND

Founded in 1928 by setting aside \$70,000 of proceeds from sale of 5.811 acres of land on the southern boundary and at the southeastern corner of the College farm. In 1937, the fund was increased \$8,810, being proceeds of the sale of 1.762 acres of land to the Philadelphia Skating Club and Humane Society for their new ice skating rink. In 1951 the fund was increased by \$4,994.50, being proceeds of the sale of .284 acres of land to Philadelphia Electric Co. In 1953-54 the cost of renovation of Philips wing in the Library was taken from this fund (\$60,175.56). Present book value, \$25,128.94. The fund is invested and the income used for general college purposes, until otherwise directed by the Managers.

ELIZABETH J. SHORTRIDGE FUND

Founded 12 Month 22, 1930, by bequest from Elizabeth J. Shortridge, without restrictions. Until otherwise directed by the Managers, the income only is used for general purposes. Present book value, \$10,000.00.

HOWARD COMFORT MEMORIAL FUND

Founded in 1934 by gift of \$1,000 from President William Wistar Comfort in memory of his father, Howard Comfort, Class of 1870, who was a Manager from 1880 until his death in 1912, and Secretary of the Board of Managers from 1884 until 1908.

The fund was added to by further gifts from the same donor of \$1,000 in 1935, \$1,000 in 1936, \$2,000 in 1937 and \$500 in 1949. The income only is to be used for general purposes. Present book value \$5,527.31.

EMMA RIDGWAY COMLY FUND

Founded 1935 by bequest of \$50,000 from Emma Ridgway Comly, a Philadelphia Friend. The bequest was unrestricted as to both principal and income. The income is used for general purposes. Present book value, \$49,987.50.

ELLEN W. LONGSTRETH FUND

This fund was established in 1935 by a bequest of \$20,000 and her residuary estate from Ellen W. Longstreth, a Friend, belonging to Haverford Meeting and living in Bryn Mawr. The principal and income are both unrestricted. This bequest and residue of \$84,416.28, together with further realization on residuary assets and an additional amount received upon the death of a life tenant of a trust, made a total of \$117,520.19. A part of this fund was used for the 1953-56 Building Program. Present book value is \$67,520.19.

ALBERT L. BAILY FUND

Founded in 1936 by an unrestricted bequest of \$5,000 from Albert L. Baily, '78. The income is used for general purposes. Present book value, \$5,000.00.

ELIZABETH B. WISTAR WARNER FUND

Founded First Month 16, 1937, by unrestricted bequest of \$4,950 from Elizabeth B. Wistar Warner, of Germantown, widow of George M. Warner, '73. The income is used for general purposes. Present book value \$4,950.00.

T. ALLEN HILLES BEQUEST

Founded First Month 19, 1937, by receipt of the proceeds of a trust fund created in 1935 by T. Allen Hilles, class of 1870, formerly of Wilmington, Delaware, recently of Glen Mills, Pa., who died 11th Month 15, 1935. The amount received in stocks and cash was \$285,000. Proceeds of mortgages of \$7,460.94 in 1938, and final cash from executor in 1939 of \$1,603.37 brought the gross total to \$294,064.31. From this was deducted in 1939 the final settlement of taxes and fees totalling \$13,300, thus making the final net bequest \$280,764.31. Accumulated income of \$12,489.77 was also received on First Month 19, 1937. In the trust created by the donor in 1935 he provided: "The gift to Haverford College shall constitute a fund to be known as 'The Hilles Bequest,' and the income shall be used for repair, upkeep and improvement of the building which I have given to Haverford College known as the Hilles Laboratory of Applied Science of Haverford College. My purpose in making this gift is primarily to relieve the Corporation of Haverford College from any additional expense on account of the erection of the building which I have given

them, and the accompanying expansion of its educational activities, but whenever and if the Board of Managers or other governing body of the College shall determine it to be for the best interest of the College to devote the whole or any part of the income of the fund to uses other than those above specified such income may be applied to such uses and in such manner as the Board of Managers or other governing body may in its absolute discretion determine." Present book value, \$280,764.31.

LEONARD L. GREIF, JR., AND ROGER L. GREIF FUND

Founded Ninth Month 29, 1937, by gift of \$1,000 from Leonard L. Greif, '34, and Roger L. Greif, '37, of Baltimore. The gift was unrestricted, but the Managers have set aside this fund as endowment for general purposes, the income only to be used, until otherwise determined by them. Further gifts of \$1,000 from each of the above donors were made in 1947-1948. During 1949-1950 an additional gift of \$1,000.00 was received from Leonard L. Greif, Jr. Further gift was made in 1952-1953 of \$1,000.00 by Leonard L. Greif, Jr. Present book value, \$7,000.00.

EDWARD M. WISTAR FUND

Founded First Month 9, 1938, by gift of \$2,500 from Edward M. Wistar, '72, for endowment, the income only to be used for general purposes. Present book value, \$2,500.00.

MORRIS E. LEEDS FUND

Founded Sixth Month 26, 1941, by a gift of shares of Leeds & Northrup stock, this fund was added to by further gifts of that company's stock during the lifetime of Morris Leeds. Upon his death he bequeathed to the college three-quarters of his entire residuary estate which bequest like the gifts made in his life was entirely without restrictions either as to principal or income.

The fund was ordered by the Managers until otherwise directed to be included among the funds for general purposes. After an appropriation for the 1953-56 Building Program, it has a present book value of \$1,369,519.75.

J. HENRY SCATTERGOOD FUND

Founded Tenth Month, 1941, by donations totaling \$1,660, made by members of the Board of Managers in recognition of the services for 25 years of J. Henry Scattergood, '96, as Treasurer of the Corporation of Haverford College. A further gift of \$340 was made in 1943-44, \$200.00 in 1949-50, \$1,000 in 1950-51 (through 1949 campaign) \$1,000 in 1951-52 (through 1949 campaign), \$1,000 in 1952-53 (through 1949 campaign), and \$6,800.00 in 1953-54 (through 1949 campaign). Present book value, \$12,000.00.

The income of this fund is to be used in the field of International Relations and to be at the disposal of the President of the College and the William Penn Professor holding the Chair in Political Science and International Relations. If the income in any year is not used for the special purposes as stated, in the discretion of the President, it may be used for general purposes. It is further provided that after Tenth Month 1, 1951 the use of the fund for other purposes, both as to principal and income, shall be subject to the direction of the Board of Managers of Haverford College.

PARKER S. WILLIAMS FUND

Founded Tenth Month 1, 1947, by unrestricted bequest of \$100,000 under the will of Parker S. Williams, Class of 1894, of Villanova, Pa., who died in 1942. The actual amount received from the executors was \$103,993.26, due to the increased value of certain investments, which were held, instead of being converted, under an agreement with the College. Income was paid to the College from time to time until the receipt of the bequest.

GILBERT C. FRY FUND

Founded Fourth Month 2, 1948, by an unrestricted gift of \$1,000 U. S. Treasury Bond from Gilbert C. Fry, of Germantown, Philadelphia, Class of 1923, in remembrance of his 25th anniversary of graduation. A new fund was set up and until otherwise ordered by the Managers, the income only will be used for general purposes. Further gift of \$500.00 was made in 1949-50, \$1,000 was made in 1950-51 (through 1949 campaign), \$1,000 1951-52, and \$1,500 in 1952-53. Present book value \$5,000.00.

DANIEL B. BOYER FUND

Founded Third Month 3, 1948, with an initial gift of \$2,500 in stock from Daniel B. Boyer, Boyertown, Pa., Class of 1911. The donor's letter states: "It is my desire that the income from the stock be allocated for faculty use. If present reduced College income is not sufficient to cover current faculty needs, the Board of Managers should not hesitate to sell the shares and apply the proceeds for that purpose." A new fund was set up, and until otherwise ordered by the Managers, the income only will be used for faculty salaries.

MARRIOTT C. MORRIS FUND

Founded Ninth Month 1, 1948, by unrestricted bequest of \$10,000 from Marriott C. Morris, Class of 1885, of Germantown.

The fund is classified among unrestricted funds for General Purposes, and is included in Consolidated Investment Account. Book value, \$10,000.

1949 CAMPAIGN SALARY FUND

Founded Sept. 1, 1950 by a transfer of \$107,800.00 from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to augment faculty salaries and for increasing, where necessary, the teaching staff to make possible the desired ratio between faculty and students.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this fund may be expanded at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$187,971.35.

THE RUFUS M. JONES FUND FOR ADVANCEMENT OF TEACHING

Founded Sept. 1, 1950 by a transfer of \$235,000.00 from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to stimulate professional growth, encourage desirable research, make possible short-term absences for study or to render special service, and to raise professors' salaries.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this fund may be expended at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$372,427.74.

WILLIAM PYLE PHILIPS FUND

Founded on the death of William Pyle Philips, class of 1902, of New York City, N. Y. on December 18, 1950 by the bequest of his entire residuary estate as an endowment fund in perpetuity, the principal is to be invested in such securities as the Board of Managers shall deem advisable "but at least $\frac{1}{2}$ thereof to be invested in diversified common stocks."

The income is "to be applied from time to time to such purposes as said Board of Managers in their discretion shall deem advisable, provided, however, that approximately one-half ($\frac{1}{2}$) of such income be applied to one or more of the following purposes:

"(a) Purchase for the Treasure Room of the College Library of rare books which the College would not otherwise buy and comparable with the books mentioned in *Article Third* hereof;

"(b) Bringing to the College distinguished scientists or statesmen for a lecture or series of lectures, for courses of instruction, for seminars, for research or for other academic purposes; and

"(c) Subscription to important learned periodicals, domestic and foreign, of the various humanities and sciences, purchases of back numbers of such periodicals and binding of the same for permanent preservation in the College Library." Present book value, \$2,202,775.93.

WILLIAM B. BELL FUND

Founded in Ninth Month 1951 by partial distribution of \$19,444.44 on account of an unrestricted bequest to the College of William B. Bell, Class of 1900, of New York, and in 1953-54 a final distribution of \$14,436.47.

The fund is to be used for General Purposes and is included in Consolidated Investments Account. Present book value is \$36,178.02.

DR. THOMAS WISTAR FUND

Founded in 1952, upon the termination of a Trust by the bequest of the residuary estate of Dr. Thomas Wistar, class of 1858, the funds are to be kept invested and the net income used for such purposes either general or special as the Managers of said College may direct. Present book value is \$25,068.15.

THE CHARLES McCaul FUND

Founded in 1953 by a bequest of 1/8th of the residuary estate of Mary N. Weatherly. The fund is to be known as The Charles McCaul Fund, in memory of her step-father. The income only shall be spent.

The use of the fund is unrestricted but it is the hope of the Testatrix that some portion of the income may be used to provide one or more scholarships, and that the rest of the income may be used to provide *sound and conservative instruction* in the Social Sciences.

It is my preference that such scholarships be awarded to students who show especial interest in the field of religion and the Social Sciences, but I do not specifically limit the use of the Fund, having confidence in Haverford College to teach high ideals." The present book value of this Fund is \$37,187.20.

ISAAC & LYDIA COPE SHARPLESS FUND

Founded in 1953 by bequest of \$5,000.00 from Lydia Cope Sharpless, who died Sept. 23, 1952, "in memory of my husband, Isaac Sharpless." The fund is without restriction, and has a present book value of \$5,000.00.

CLASS OF 1937 FUND

Founded Fifth Month 16, 1955 by a gift of \$4,500 from Margaret A. Lester and John A. Lester '96, in appreciation of the benefits rendered to their son, John A. Lester, Jr. '37.

The fund is unrestricted as to principal and income, but an annuity is payable at the rate earned by the Consolidated Funds.

J. HORACE COOK FUND

"Founded in 1955 by a bequest under the will of J. Horace Cook, Class of 1881, who died March 25, 1939, this bequest became effective on the death of Mary Fuller Cook, his widow. This Fund is "to be kept . . . and the income to be used for the needs of the College as it shall see fit, but preferably for a scholarship one to be awarded each year so there will be a student in each class receiving his tuition from this fund." "Ten per cent of the net income for each and every year shall be added to principal of this Fund." Present book value, \$124,319.91.

THE FORD FOUNDATION ENDOWMENT FUND

The Ford Foundation made grants to the college on July 1, 1956 and June 27, 1957, for an Endowment Fund totaling \$345,000.

In accordance with the terms of the gift "Until July 1, 1966, the principal of the grant shall be held by the grantee instituion only as endowment, and the income from such grant shall be used only to increase faculty salaries. After July 1, 1966, principal and income of the grant may be used for any educational purposes of the institution."

THE FORD FOUNDATION ACCOMPLISHMENT FUND

The Ford Foundation also made on July 1, 1956 and June 27, 1957, two payments for an accomplishment grant in the amount of \$214,000. This grant was made in recognition of the fact the college had, with certain other institutions to whom similar grants were made, taken the lead in their regions in improving the status and compensation of American College Teachers,

"The purpose of the grant shall be to advance the academic program of the grantee institution either by increases in faculty salaries or by meeting other pressing academic needs. The grant may be spent in whole or in part, from time to time, as the grantee institution may determine."

THOMAS HARVEY HAINES AND HELEN HAGUE HAINES FUND

Founded in 1956 by a bequest of one-third of the residuary estate of Helen Hague Haines, this fund was given in memory of Thomas Harvey Haines, class of 1896. The proceeds are to be used "to promote understanding among men by research, training and teaching in the field of human relations." Present book value is \$12,426.18.

EMILY BISHOP HARVEY FUND

Founded in 1958 by a bequest of \$10,000 from Emily Bishop Harvey of Radnor, Penna., patron and friend of the college, who died November 12, 1957, this fund is without restrictions and is to be used for the general purposes of the college. Book value is \$10,000.

CLASS OF 1933 TWENTY-FIFTH ANNIVERSARY FUND

Founded in 1958 by initial gift of \$6,477.50 from the Class at its 25th Reunion, the income is to be used for general college purposes at the discretion of the Board of Managers. However, the Board may use the principal, if conditions unforeseen at the time of establishment of the fund made it advisable.

FUND FOR GRADUATE SCHOOL MOSES BROWN FUND

A trust founded by T. Wistar Brown, in 1906, as a memorial to his father, Moses Brown. Transferred to the College in 1916 after his death, having at that time a par value of \$372,821.91 and book value of \$318,823.56. Present book value, \$384,652.34. The fund was created to establish a graduate course in religious study in harmony with and supplementary to the teaching and study provided for by the John Farnum Brown Fund. The income only is to be used; at least ten per cent of the total income must be capitalized each year. The unused income, if any, is likewise capitalized at the close of each fiscal year. The graduate school supported by the Moses Brown Fund was designated "The Thomas Wistar Brown Graduate School." In 1927 the former separate school was discontinued and eight graduate scholarships were created.

In 1937-1938, arrangements were first made for cooperation in courses with Pendel Hill, a school for religious education under the care of Friends, located at Wallingford, Pa.

FUNDS FOR INFIRMARY INFIRMARY ENDOWMENT FUND

Founded in 1911 from subscriptions totaling \$9,072.55, raised among alumni and friends of the College. The income is used toward the expenses of the Morris Infirmary. Present book value, \$9,653.44.

JOHN W. PINKHAM FUND

Founded in 1911 by legacy of \$5,000 from Dr. John W. Pinkham, '60, being transmitted by gift from his widow, Cornelia F. Pinkham. There are no binding conditions, but as she expressed an interest in the Morris Infirmary, then building, the Board of Managers directed that the income of this fund should be used in the support and maintenance of the Infirmary. Present book value, \$5,059.50.

FUND FOR HAVERFORD UNION HAVERFORD UNION FUND

Founded in 1920 by gift from the former Haverford Union Members of \$1,000 par value of bond at book value of \$800 and \$678.59 cash, and all the personal property in the Union from the Haverford College Union. The College assumed the responsibility for the care of the building First Month 16, 1920. The income is used toward the maintenance of the Union building. Present book value, \$1,878.82.

FUNDS FOR SCHOLARSHIPS

THOMAS P. COPE FUND

Founded in 1842 by gift of sixty shares of Lehigh Coal and Navigation Co. stock, par value \$3,000, from Thomas P. Cope. Present book value, \$5,257.82. The income only is to be used "for the education of young men to qualify them to become teachers, but who are not of ability to pay their own schooling." This fund sustains the Thomas P. Cope Scholarships.

EDWARD YARNALL FUND

Founded in 1860 by bequest of \$5,000 from Edward Yarnall. Present book value, \$6,069.23. The income only is to be used for "the support of free scholarships." The fund sustains the Edward Yarnall Scholarships.

ISAIAH V. WILLIAMSON FUND

Founded in 1876 and increased in 1883 by gifts of sundry ground rents from Isaiah V. Williamson. Present book value, \$19,817.40. The income only is to be used for free scholarships. The fund sustains the Isaiah V. Williamson Scholarships.

RICHARD T. JONES SCHOLARSHIP FUND

Founded in 1885 by bequest of \$5,000 from Jacob P. Jones as a memorial to his late son, Richard T. Jones, '63. The income only to be used to sustain the "Richard T. Jones Scholarship." Present book value, \$5,056.25.

MARY M. JOHNSON SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Mary M. Johnson. Accrued interest before payment to the College increased the fund by \$3,062.95. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships. Present book value, \$7,013.61.

SARAH MARSHALL SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Sarah Marshall. Accrued interest before payment to the College increased the fund by \$2,589.49. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships. Present book value, \$7,919.76.

CLEMENTINE COPE FELLOWSHIP FUND

Founded in 1899 by gift of \$25,000 from Clementine Cope. The gift was to establish the "Clementine Cope Fellowship Fund to assist worthy and promising graduates of Haverford College in continuing their course of study at Haverford or at some other institution of learning in this country or abroad." The selection of the Fellows is made by the Board of Managers upon nomination by the Faculty. Present book value, \$22,845.86.

ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present book value, \$10,083.68. The gift was to establish "The Isaac Thorne Johnson Scholarship to aid and assist worthy young men of Wilmington Yearly Meeting or of the Central West to enjoy the privileges of Haverford College." Unused income is added to the principal of the fund.

CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded in 1920 by gift of Edward M. and Margaret C. Wistar of \$5,000 par value in bonds in memory of their son, Casper Wistar, of the Class of 1902, who died in Guatemala in 1917 while engaged in mission service in that country. The income only is to be used for scholarships, primarily for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring preparation for similar service in America or other countries. Present book value, \$6,951.21.

J. KENNEDY MOORHOUSE SCHOLARSHIP FUND

Founded in 1926 by gifts totaling \$3,000, with \$1,000 added in 1926, and \$1,000 in 1928 and \$1,000 in 1929 from the Class of 1900 in memory of their classmate, J. Kennedy Moorhouse. The scholarship provided by this fund is "to be awarded, whenever a vacancy shall occur, to the boy ready to enter the Freshman class, who in the judgment of the President of the College appears best fitted to uphold at Haverford the standard of character and conduct typified by J. Kennedy Moorhouse, 1900, as known to his classmates: A man, modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living." Present book value, \$5,155.85.

LOUIS JAQUETTE PALMER SCHOLARSHIP FUND

Founded in 1928 by gift of \$5,000 from Triangle Society, as follows:

"The Triangle Society of Haverford College herewith presents to the Corporation of Haverford College, a fund of Five Thousand Dollars (\$5,000) to be hereafter known and designated as the 'Louis Jaquette Palmer Scholarship Fund';

"This fund represents contributions from the members of the Triangle Society of Haverford College who have been thus inspired to perpetuate the memory of their fellow member, Louis Jaquette Palmer, of the Class of 1894, one of the founders of the Triangle Society, whom they admired for his cooperative spirit and constructive interest in student and community welfare. The fund is placed with the Corporation of Haverford College with the understanding:

"That such student shall be selected from a list of those eligible for entrance to Haverford College, who shall have combined in his qualifications the fulfillment of such conditions as apply to applicants for the Rhodes Scholarships under the terms of its creation, and furthermore that the student so selected and entered in Haverford College may continue to receive said scholarship fund throughout his course at College, subject to the approval of the Committee, otherwise preference shall be given to applications for the Freshman Class;

"That the selection of said student and the determination of the qualities and conditions hereinbefore mentioned shall be subject to the decision and control of a committee of three (3), which committee shall be composed of two (2) members of the Triangle Society and the President of Haverford College, the said members of the Triangle Society to select and recommend the applicants and the committee as a whole to determine their qualifications and eligibility.

"Finally, in the event that no student is selected by the Triangle Society or that a vacancy occurs, the income from said funds and any additions shall accumulate as provided under the customary rules and regulations of the Corporation of Haverford College."

In 1950 there was added to this fund the proceeds of ten life insurance policies formerly held in the Triangle Society Endowment Fund amounting to \$2,954.18 plus the balance of \$500 in that Fund and four additional con-

tributions of \$543.01, \$222.00, \$1,000, \$330 and further contributions by members of the Society, making the present book value of this Fund \$12,807.19.

PAUL W. NEWHALL MEMORIAL SCHOLARSHIP FUND

Established in 1931 by bequest of \$5,045.60 from Mary Newhall in memory of her father, Paul W. Newhall, a Manager, 1844-48, for the establishment of a scholarship fund. The income only to be used for free scholarship purposes. Present book value, \$5,045.60.

ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

Founded in 1935 by gift of \$750. \$2,000 each year, 1936 to 1940, and in 1942; \$2,500 in 1941; \$1,000 in 1943; \$1,000 in 1944; \$2,000 in 1945; \$2,000 in 1947-1948, \$1,000 in 1949-1950, by Harry M. Zuckert, New York, in memory of his son, Robert Martin Zuckert, of the Class of 1936, who was killed in an accident in June, 1935. The income is to be used for scholarship and the donor said, "I should prefer a boy who is a native of New York or Connecticut and who now resides in one of those States." Present book value, \$22,250.00.

SAMUEL E. HILLES ENDOWMENT

CREATED BY MINA COLBURN HILLES

Founded in 1935 by gift of \$5,000 from Mrs. Mina Colburn Hilles, of Orlando, Fla., in memory of her husband, Samuel E. Hilles, Class of 1874, formerly of Cincinnati, who died in 1931. This fund was created under a trust deed with Central Title and Trust Co., Orlando, Fla., to whom annual reports are to be made. The income only is to be used for scholarships for worthy students who are unable to finance their expenses at Haverford College. Present book value, \$5,017.31.

CLASS OF 1913 SCHOLARSHIP FUND

Founded Fourth Month 15, 1937, by gift of \$3,000 from Class of 1913 for the endowment of scholarship aid. The income only is to be used for scholarship aid, to be awarded annually to a worthy student of any undergraduate class. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College. Present book value, \$3,000.00.

THE AUGUSTUS TABER MURRAY RESEARCH SCHOLARSHIP FUND

Founded Fifth Month 31, 1939, by gift from two anonymous friends of Dr. Augustus Taber Murray, '85, by gifts of \$20,000 par value of securities subject to annuity during their lives, and with permission to use principal for the annuity payments, if necessary.

Upon the deaths of the two annuitants, the remaining principal shall be held in a fund, the "Income to be used for scholarships in recognition of the scholarly attainments of Augustus Taber Murray, a distinguished Alumnus of Haverford College, of the Class of 1885, and for many years a professor of Leland Stanford University, the fund to be known as 'The Augustus Taber Murray Research Scholarship.' Then scholarships in English literature or philology, the classics, German literature or philology (in order of preference) shall be awarded upon such terms and conditions as the College may from time to time establish to students who have received the bachelor's degree at Haverford College, and shall be awarded for the purpose of study in other institutions toward the degree of Doctor of Philosophy or such degree as may in the future correspond to that degree."

The amount of the Scholarship is to be \$900 a year whenever awarded, and only unmarried students are eligible to hold it. Present book value, \$24,563.66.

THE CLASS OF 1917 SCHOLARSHIP FUND

Founded Seventh Month 13, 1942, by initial gift of \$2,000.00 from the Class of 1917, John W. Spaeth, Jr., Treasurer, as a Twenty-fifth Anniversary Gift. A further gift of \$250.00 was made at the same time to cover the first two years of a scholarship of \$125.00 per year. Preference is to be given to a son of a member of the Class of 1917. The income only is to be used for a scholarship to the extent of \$150.00 per annum. This was increased to \$200.00 per annum in 1947-1948. Further contributions from the members of the Class of 1917 are to be applied in the following order:

(1)—To supplement the annual income from the principal sum of \$2,000.00, so that the annual scholarship stipend shall be \$150.00 (increased to \$200 in 1947-48, increased to \$300 in 1949-50, increased to \$500 in 1952-53), or as near that sum as may be;

(2)—To add to the principal sum any surplus of these annual contributions not needed to serve the purpose of (1). Since the scholarship stipend for the years 1942-1943 and 1943-1944 was already provided for by the additional \$250.00 already contributed by the Class of 1917, the annual contributions from the Class in these two years was added at once to the principal sum of \$2,000.00, thus serving the purpose of (2) above. Further contributions of \$500 were made in 1944-1945; \$425 in 1945-1946; \$810 in 1946-47; \$985 in 1947-1948; \$250 in 1948-1949; \$450 in 1949-1950; \$670 in 1950-51; \$705 in 1951-52; \$405 in 1952-1953; \$725.00 in 1953-54; \$395.00 in 1954-55; and \$865.00 in 1955-56; \$503.92 in 1956-57; \$200.00 in 1957-58. Present book value, \$10,925.00.

DANIEL B. SMITH FUND

Founded Tenth Month 6, 1943, by gift of \$2,500 from Anna Wharton Wood, of Waltham, Mass., who died in 1944. This was increased Fifth Month 24, 1945 by a bequest of \$2,500 made by Miss Esther Morton Smith, of Germantown, Philadelphia, who died Third Month 18, 1942, by a further bequest by Dorothea Atwater Smith of \$5,000 March 10, 1958.

This fund is established by the granddaughters of Daniel B. Smith "in loving memory of their grandfather and his intimate association with the early years of the College."

The income is to be used, in the discretion of the Faculty as an annual scholarship for some young man needing financial aid in his College course. Preference is to be given to a descendant of their father, Benjamin R. Smith, if any such should apply. Present book value, \$10,000.00.

SARAH TATUM HILLES MEMORIAL SCHOLARSHIP FUND

Founded Eleventh Month 1, 1943 by bequest of \$75,534.58 from Joseph T. Hilles 1888, in memory of his mother "Sarah Tatum Hilles."

The will directs that the income be used "to provide for such number of annual scholarships of \$250 each as such income shall be sufficient to create"; they are to be awarded by the Managers upon "needy and deserving students," and to be known as "Sarah Tatum Hilles Memorial Scholarships."

It is estimated that twelve scholars can be thus provided for at present. Present book value \$75,534.58.

ELIHU GRANT MEMORIAL SCHOLARSHIP FUND

Established Second Month 2, 1944 by gift of \$200 from Mrs. Elihu Grant to supplement the simultaneous transfer of \$803.73 to this new fund from Donations Account, being the balance of Donations made by Dr. Grant during his lifetime to the Beth Shemesh account, and \$75.00 realized from the sale of some of his books. Mrs. Grant has made a further gift of \$1,000 in 1943-44 and \$2,000 in 1944-45. And, Grant Foundation, Inc., gave \$10,000, also in 1944-45. Mrs. Grant made a further gift of \$1,000 in 1945-46. In 1949-1950 in connection with the Campaign, the Grant Foundation made a further gift to the College of \$25,000, to be added to this fund. Present book value, \$40,275.01.

With the donor's approval, the terms of the fund are as follows:

"Founded in 1944 to commemorate the service to Haverford College of Dr. Elihu Grant, from 1917 to 1938, a member of the College faculty. The income from this fund is applied to scholarship assistance to students in the Humanities, primarily those specializing in the study of Biblical Literature and Oriental subjects, and is limited to those whose major subject has been approved by the College faculty. In special circumstances the income may be utilized to assist those working for a post-graduate degree at Haverford College." If conditions change, the Managers are given power to change the use of the fund. In making the additional grant in 1949-50, the Foundation stated that "the income from this present gift may be allocated as scholarship or fellowship awards by the proper authorities of the College to under graduate or graduate students without restriction as to courses of studies." Present book value, \$40,275.01.

CHRISTIAN FEBIGER MEMORIAL SCHOLARSHIP FUND

Founded Sixth Month 13, 1946 by a gift of \$8,000 from Madeleine Seabury Febiger, of Philadelphia, in memory of her husband, Christian Febiger, Class of 1900.

On Third Month 18, 1949 a bequest of \$9,050 was received from the executors of Mrs. Madeleine Seabury Febiger, who died September 27, 1947, and was added to this fund.

The income only is to be used in paying the tuition or other college expenses of worthy, needy students at Haverford College. Present book value, \$17,050.

JOSEPH L. MARKLEY MEMORIAL SCHOLARSHIP FUND

Founded 2nd Month 10, 1947 by gift of \$5,000.00 from Mrs. Mary E. B. Markley of Ann Arbor, Michigan, widow of Joseph L. Markley, A.B. '85, M.A. '86, who was Professor of Mathematics at University of Michigan. The gift was made "to be held as an endowment fund in memory of Joseph L. Markley of the Class of 1885. The income of which is to be granted each year, in the discretion of the faculty, as a scholarship to some student on the basis of character, scholarship and financial need."

JOSEPH C. AND ANNE N. BIRDSALL SCHOLARSHIP FUND

Founded 2nd Month 24, 1947 by initial gift of \$10,000 from Dr. Joseph C. Birdsall, Class of 1907, of Haverford, Pa., "for the establishment of a new fund to be known as "Joseph C. and Anne N. Birdsall Scholarship Fund, the income only to be granted each year, in the discretion of the faculty of Haverford College, as scholarship aid to some student or students of Haverford College who are preparing for medicine,—the selection to be upon the basis of character, scholarship and financial need." Further gifts 1947-48, \$5,000; 1948-49, \$5,000; 1949-50, \$5,000; 1956-57, \$5,000. Present book value, \$30,000.

DANIEL E. DAVIS, JR., MEMORIAL SCHOLARSHIP FUND

Founded by gifts made First Month 20 and Second Month 17, 1948, totalling \$3,000, by Mr. and Mrs. Daniel E. Davis, of Sewickley, Pa., to establish the Daniel E. Davis, Jr., Memorial Scholarship Fund, in memory of their son, ex Class of 1944, who was killed in aerial warfare in the Pacific.

The income from the fund is to be granted each year, in the discretion of the Faculty, as a scholarship to some student on the basis of character, scholarship and financial need.

JONATHAN M. STEERE SCHOLARSHIP FUND

Founded Twelfth Month 28, 1948 by gift of \$2,300 from Jonathan M. Steere, Class of 1890. Classified among the Scholarship Funds and included in Consolidated Investment Account.

The donor's provisions governing the use of the fund are as follows: "With this stock, or its proceeds, I wish to establish a fund for a scholarship primarily for a graduate of Moses Brown School, Providence, R. I., now under the care of New England Yearly Meeting of Friends. Should the scholarship not be awarded in any one year to a graduate of Moses Brown School, it may be awarded to someone else, preferably from New England, in the discretion of the College. If advisable, it may be given to more than one boy in any year. My preference is that it be awarded to a member of the Society of Friends, but I do not so restrict it. Should the time come when, for any reason, scholarships may not be needed or desirable, having full confidence in the Management of the College, I wish that both the principal and the income be used as the College in its sole discretion shall determine.

"I suggest that at the College it be known as the 'Moses Brown School Scholarship', and at the School as the 'Haverford Scholarship'." A further gift of \$4,985.00 was made in 1949-50 and \$2,715 in 1950-51 (through 1949 campaign). Present book value, \$10,000.

WILLIAM GRAHAM TYLER MEMORIAL SCHOLARSHIP FUND

Founded Tenth Month 1949 by gift of \$15,000 from Miss Mary Graham Tyler in memory of her father, William Graham Tyler, Class of 1858. Formerly of Philadelphia, William Graham Tyler took an active part in civic improvement in New Jersey and in Iowa, and was concerned with the advancement of Friends Education at both William Penn College and Haverford College.

The income from the fund is to be granted each year, in the discretion of the College, as scholarship aid to some student or students on the basis of character, scholarship, and financial need. Preference is to be given to students from Oskaloosa, Iowa, or William Penn College in that state.

1890 MEMORIAL SCHOLARSHIP FUND

Founded in March 1950 by a gift of \$2500 from Andrew L. Lewis of Worcester, Pennsylvania, in memory of his father, John F. T. Lewis, of Class of 1890, "and in recognition of his father's friendship with the members of his class."

The income from this fund is to be awarded as a scholarship by the College to a deserving student. Since in the beginning the income from this fund will not be large enough to furnish an entire scholarship, it may be used in conjunction with some other scholarship to insure aid of material size, Increased by \$100 in 1951-52 and \$100 in 1952-53. Present book value, \$2,700.

1949 CAMPAIGN SCHOLARSHIP FUND

Founded Sept. 1, 1950 by a transfer of \$38,610.00 from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to increase funds available for scholarships, in order to maintain the quality and increase the diversity of the student body and to carry on the tradition that personal merit rather than ability to pay is the primary entrance qualification.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this fund may be expended at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$49,661.80.

MAX LEUCHTER SCHOLARSHIP FUND

The plan for this fund was evolved during the life of Max Leuchter, who died in 1949, and carried out upon his death by his wife Cecila P. Leuchter and his sons, Ben Z. Leuchter and Joel C. Leuchter. Self educated after completion of grade school, becoming editor and publisher of the Vineland Times Journal, Max Leuchter wished to benefit the College to which he sent his son, and which he had come to greatly admire.

The purpose of the donors in making this gift in 1950 of \$10,000.00 was to "create a scholarship which shall be given yearly to a student whose need can be demonstrated, whose academic performance meets the College requirements, and who, in addition, gives promise of making an outstanding contribution to the life of the College through his breadth of interest, his love of hard play and of hard work."

The scholarship shall be in the amount of \$300.00 in the beginning. It may be given to a new student each year or to one student through each of his four years. All income received above \$300.00 shall be capitalized each year.

"When the income from the fund has reached proportions such that an additional scholarship of \$300.00 can be awarded, and that at the same time at least \$300.00 can be returned to the fund, the additional award shall then be made."

"It is the further wish of the donors that, while their interests are primarily as stated above, should the Board of Managers of the College be faced with circumstances which cannot be foreseen now, the Board may, at its discretion, use the income from the fund for College purposes other than the scholarship purposes." The present book value is \$14,110.84.

A. CLEMENT WILD SCHOLARSHIP FUND

Founded in 1951 by a first gift of \$4,087.50 of Gertrude T. Wild in memory of her husband, A. Clement Wild, of the class of 1899. The income from the fund is to be used for a scholarship or scholarships, to be granted without restrictions in the discretion of the College.

In making the gift the donor, though reiterating the freedom from restrictions, expressed the feeling that as A. Clement Wild was born in England, becoming a naturalized American Citizen, a grant to an English Exchange Student or someone in a similar category would be appropriate. Increased by \$4,625.00 in 1951-52; \$4,300.00 in 1952-53; in 1953-54 \$4,100.00; in 1954-55 \$5,300.00; and in 1955-56 \$2,587.50. The present book value is \$25,000.

CAROLINE CHASE SCHOLARSHIP FUND

Founded December 10, 1951 by payment on a bequest of part of the residue of the estate of Caroline Chase, daughter of Thomas Chase, one time president of the College, of Providence, Rhode Island, whose Will provided:

"This gift is made as an expression of my father's enthusiastic appreciation for its high standards of scholarship in Greek, Latin and English literature.

"It is my intention that the said share given to said Haverford College shall be used for any of the educational purposes of said College according to the discretion of the President of the time being."

Present book value of the fund is \$6,245.11.

ROY THURLBY GRIFFITH MEMORIAL FUND

Founded in 1953 by a legacy of \$5,000.00 from Grace H. Griffith, who died April 14, 1952, in memory of Roy Thurlby Griffith, class 1919. "The income therefrom to be used for a scholarship or scholarships for such individual or individuals as in the judgment of the Trustees of said College shall be deserving of the same. The Trustees of said College shall have full power and discretion to determine the number of scholarships, the amount of such scholarships, and the recipients of the same, but it is my desire that wherever possible preference shall be given to boys who have no father and who are in need of financial assistance." Present book value \$5,000.

CLASS OF 1904 SCHOLARSHIP FUND

Founded June 4th, 1954 in commemoration of its fiftieth anniversary by the Class of 1904 and the families of its deceased members, the Fund is to be used for scholarship purposes and has a present book value of \$6,000.

INAZO NITOBE SCHOLARSHIP FUND

"Founded in 11th Month 1955 by a bequest of \$10,000 under the will of Anna H. Chace of Providence, R.I. The fund became payable upon the death of her sister Elizabeth M. Chace.

"The income, or so much thereof as said College may deem best, (is) to be used and applied for the education at said Haverford College of a Japanese student who shall be a resident of Japan at the time of his appointment to such scholarship and for his traveling expenses from and to Japan and his living expenses during the period he shall hold such scholarship." Present book value, \$10,000.

THE SUMMERFIELD FOUNDATION SCHOLARSHIP FUND

Founded February 1956, by a gift of \$1,000 from The Summerfield Foundation, this fund is to be added to the Endowment of the College; the income is to be used for scholarship purposes. Present book value, \$3,000.

W. LACOSTE NEILSON SCHOLARSHIP FUND

This fund was established in June 1957 by the family and friends of W. LaCoste Neilson, Class of 1901, in his memory.

The income is to be used for the payment of one or more scholarships at the discretion of the College, preference if possible being given to students taking scientific or practical courses rather than those in the field of the arts. The present value of this fund is \$11,925.

FUNDS FOR THE LIBRARY

ALUMNI LIBRARY FUND

Founded in 1863 by contributions from the alumni and other friends of the College. In 1909 the unexpended balance (about \$5,000) of a fund of \$10,000 raised in 1892, and known as the "New Library Fund," was merged into the Alumni Library Fund. Present book value, \$17,435.06. The income is used for binding and miscellaneous expenses of the Library.

MARY FARNUM BROWN LIBRARY FUND

Founded in 1892 by gift of \$20,000 from T. Wistar Brown, executor of the Estate of Mary Farnum Brown. Additions were made by T. Wistar Brown in 1894, \$10,000 for a lecture fund, and in 1913, \$20,000. In 1916, after T. Wistar Brown's death, there was added to this fund \$34,499.78 par value of securities, book value, \$30,149.78, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present book value, \$68,178.80. The purpose of this fund (except \$10,000) is for the increase and extension of the Library. The income only is to be used for the purchase of books, and one-fifth of same is to be spent for books promoting the increase of Christian knowledge. The books purchased with the income of this fund are marked by a special book-plate. The income of \$10,000 of the fund is to provide for an annual course of lectures upon Biblical subjects designated "The Haverford Library Lectures." Unused income from the fund, if any, must be capitalized at the end of each fiscal year.

WILLIAM H. JENKS LIBRARY FUND

Founded in 1910 by gift of \$5,000 from Hannah M. Jenks, widow of William H. Jenks. The fund was first known as "Special Library Fund," but after the death of Hannah M. Jenks was changed, in 1916, to "William H. Jenks Library Fund." The purpose of this fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriate additions thereto. Any income not used for these purposes may be used toward the general needs of the Library. Present book value, \$5,000.00.

MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded in 1914 by gift of \$20,000 from Parker S. Williams, '94, as a memorial to his late wife, Mary Wistar Brown Williams. The income only is to be used for the purchase of books for the Library, preferably books coming within the classes of history, poetry, art, and English and French literature. The books purchased with the income of this fund are marked by a special book-plate. Present book value, \$20,306.74.

ANNA YARNALL FUND

Founded in 1916 by residuary bequest of \$13,000 par value of securities with book value of \$7,110, and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present book value, \$173,078.14. The real estate was sold in 1923 and netted the College \$164,820.50. The bequest was made for the general use of the Library. The Testatrix says, "I do not wish to restrict the managers as to the particular application of this fund, but desire them to use the income arising from it as in their best judgment and discretion shall seem best, for the purchase of books and manuscripts, book cases, rebinding of books, and, if need be, the principal or portions thereof, or the income or portions thereof, for additions to the pres-

ent Library building, or the erection of new Library buildings. I direct that all books purchased with this fund shall be plainly marked 'Charles Yarnall Memorial' in memory of my father, Charles Yarnall."

F. B. GUMMERE LIBRARY FUND

Founded in 1920 by gift of \$635.41, raised among the students by the Students, Association of the College as a memorial to Professor Francis Barton Gummere. The income only is to be used to buy for the Haverford College Library books on the subjects that he taught or was interested in.

The student's Association voted to raise twenty-five dollars for a special shelf in the Library to be known as the "F. B. Gummere Memorial Shelf." This shelf, with its proper inscription, holds the books purchased by this fund. Present book value, \$635.47.

EDMUND MORRIS FERGUSSON, JR., CLASS OF 1920 MEMORIAL FUND

Founded in 1920 by memorial gift of \$1,000 from the family of Edmund Morris Fergusson, Jr., Class of 1920, who died at the College in his Senior year. The income only is to be used for the maintenance and increase of the Library's Department of English and American Literature. The books purchased with the income of this fund are marked by a special book-plate indicating its source. Present book value, \$1,002.34.

CLASS OF 1888 LIBRARY FUND

Founded Sixth Month 15, 1938, by gifts totaling \$5,250 from members and families of the Class of 1888, on the occasion of their fiftieth anniversary. The conditions of the gift are as follows:

- (1) A fund is to be established, to be known as "THE CLASS OF 1888 LIBRARY FUND."
- (2) The income only of this fund is to be used exclusively for the purchase of books for the Haverford College Library, except as noted below (in Clause 6).
- (3) The fund established now will be added to later by gift or bequest.
- (4) Members of the Class also expect to donate books to the Library, with the understanding that when such books are duplicates of books already in the Library, they may be exchanged for books needed, or sold, and the money so obtained used in the same way as the income of the fund.
- (5) All books purchased by the income of the fund (or obtained as in 4) are to be provided with a special book-plate to be furnished by the Class.
- (6) Income from the Class Fund or moneys obtained by sale of duplicate books may, when necessary, be used for binding or repair of books designated as belonging to the Class collection. Additional donations were made as follows: \$500 in 1939-40; \$100 in 1943-44; \$500 in 1944-45 and \$200 in 1945-46. Present book value, \$6,550.00.

CLASS OF 1918 LIBRARY FUND

Founded Third Month 24, 1938 by gift from the Class of 1918 in commemoration of their twentieth anniversary. The gift was \$1,753.52 of which \$500 was spent for a portrait of the late Rayner W. Kelsey, Professor of History, who died Tenth Month 29, 1934; and the balance of \$1,253.52 was used in establishing a new Library Fund, the income to be used for books. Present book value, \$1,253.52.

QUAKERIANA FUND

Founded 1st Month 8, 1947, by gift of \$600 from President Emeritus William Wistar Comfort '94, as explained in letter from him as follows: "In 1940 some Alumni gave me a sum of money to buy books for myself. This I have done, and now there remains \$600 which I wish to make over to the Corporation, the interest of which may provide books or manuscripts for the Quaker collections. As a compliment to the donors of the fund, I should like the enclosed bookplate to be inserted in such future purchases."

MOHONK FUND FOR THE RUFUS JONES COLLECTION OF MYSTICISM

Founded Third Month 21, 1949 by gifts totaling \$1,500 from members of the Albert K. Smiley family of Mohonk Lake, N. Y.

The gift was made "to make possible additions to the Rufus Jones Collection on Mysticism in the College Library," with the further provision that "it may be used at the discretion of Haverford College, if the purpose for which it is intended should no longer be applicable or desirable."

The fund is classified among Library Funds, and is included in Consolidated Investment Account. Book value, \$1,500.

RUFUS M. JONES BOOK FUND

Founded Seventh Month 11, 1949 from bequest of \$5,000 through a deed of Trust established by Rufus M. Jones during his life, "the income only to be used—for the purchase of books on Mysticism, to be added to the Collection of books on that subject," which he turned over to the College a few years before his death.

The fund is designated as the Rufus M. Jones Book Fund, is classified among Library Funds, and is included in Consolidated Investment Account. Book value, \$5,000.

1949 CAMPAIGN LIBRARY FUND

Founded Sept. 1, 1950 by a transfer of \$22,100. from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to increase funds with which to buy books, and thus maintain the excellence of the Library.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this Fund may be expended at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$36,465.37.

FUNDS FOR PENSIONS

PRESIDENT SHARPLESS FUND

Founded in 1907 by contributions from interested friends of the College, finally amounting to \$40,000. Present book value, \$41,237.08. The income is to be used for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

WILLIAM P. HENSZEY FUND

Founded in 1908 by gift of \$10,000 from William P. Henszey, donated in connection with the raising of the President Sharpless Fund, but kept as a separate fund. Increased in 1909 by legacy of \$25,000 from William P. Henszey. Present book value, \$36,758.66. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

JACOB P. JONES BENEFIT FUND

Founded in 1909 and increased in 1910 by proceeds of land sold for account of Jacob P. Jones legacy. Present book value, \$68,113.78. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

PLINY EARLE CHASE MEMORIAL FUND

Founded in 1909 by transfer to the College of a fund raised in 1887 in memory of Professor Pliny Earle Chase, and amounting to par value of \$4,173.04. The income of this fund is used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. This income is transferred annually to the Haverford College Pension Fund, for old style pensions, or, if not needed for pensions, is capitalized in said fund. Present book value, \$3,272.24.

HAVERFORD COLLEGE PENSION FUND

Founded in 1920 and added to since, being accumulations of income from the President Sharpless Fund, the William P. Henszey Fund, the Jacob P. Jones Benefit Fund and the Pliny Earle Chase Memorial Fund, not needed for pensions. Present book value, \$112,040.73. The income from this fund, together with the income from the four above-mentioned funds, is used for old style pensions. Income not needed for pensions was capitalized until 1932; then any unused income was used toward the College's share in cost of new contributory pensions with the Teachers' Annuity and Insurance Association. Now the old style pensions call for more than the income of all these Pension Funds. When the proper time comes in an actuarial sense, the principal of this fund can be used as well as the income for the old style pensions until they cease.

FUNDS FOR SPECIAL PURPOSES

THOMAS SHIPLEY FUND

Founded in 1904 by gift of \$5,000 from the late Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present book value, \$5,248.00. The income only to be used for lectures on English Literature at the College. In case of actual need, at the discretion of the President of the College, the income can be used for general expenditures.

ELLISTON P. MORRIS FUND

Founded in 1906 by gift of \$1,000 from Elliston P. Morris, '48. The income is to be used as a prize for essays to be written by students on the subject of Arbitration and Peace. "The Elliston P. Morris Prize" of \$40 is given in each year, the competition being open to all undergraduates and to graduates of not more than three years' standing.

In 1929, it was determined, with the consent of the family of Elliston P. Morris, that when the prize is not awarded the income may be used for the purchase of library books on arbitration and peace. Present book value, \$1,126.75.

JOHN B. GARRETT READING PRIZE FUND

Founded in 1908 by a gift of \$2,000 par value of bonds by the late John B. Garrett, '54. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading, which he had given for a number of years. The prizes were not awarded from 1922 to 1939 on account of default of the bonds. Reorganization has resulted in 1939 in sufficient recovery of value to provide again for this prize. Present book value, \$2,247.87.

SPECIAL ENDOWMENT FUND

Founded in 1909 by gift of \$12,000 par value of bonds, book value \$11,800, from an anonymous donor. The income only of this fund to be used "to furnish opportunity for study of social and economic and religious conditions and duties connected therewith, especially from a Christian point of view." The income is used toward the expenses of Summer Schools for Religious Study, which have been held at Haverford and Swarthmore Colleges from time to time, and also for religious education under Friends' care.

On Fifth Month 16, 1930, the Managers adopted the following amendment, made at the suggestion of the donor, now revealed to be John Thompson Emlen, 1900: "If, however, it shall in the course of time be deemed advisable by the President and the Managers that the income of this fund can be used more profitably by the College for other purposes than those herewith stated, it is my desire that they shall act in accordance with their judgment." Present book value, \$9,227.07.

SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded in 1913 by gift of \$2,000 par value of bonds, book value, \$1,200, from John L. Scull, '05. Present book value, \$2,296.88. The income only to be used to establish two prizes of \$50 and \$45 annually to the two students in the graduating class showing the most marked and steady improvement in scholarship during their college course.

ELIZABETH P. SMITH FUND

Founded in 1915 by bequest of \$1,000 from Elizabeth P. Smith. Present book value, \$1,727.00. The income only to be used as a prize for the best essays on Peace written by students of the College.

S. P. LIPPINCOTT HISTORY PRIZE FUND

Founded in 1917 by gift of \$2,500 par value of bonds, book value, \$2,546.88, from beneficiary of the estate of S. P. Lippincott, '86. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize." The award is to be made on the basis of a competitive essay. In any year when no award is made, the income is to be used for the purchase of library books in the field of the unawarded prize. Present book value, \$2,546.88.

FRANCIS STOKES FUND

Founded in 1919 by gift of \$5,000 in securities, book value, \$5,000, from Francis J. Stokes, '94, in memory of his father, Francis Stokes, of the Class of 1852, and a Manager of Haverford from 1885 until his death in 1916. The income is to be used for extending the planting of trees and shrubs on the College grounds. The wish is expressed, but not as a binding condition of the gift, that the Campus Club should have the direction of the expenditure of this income. Present book value, \$5,120.30.

GEORGE PEIRCE PRIZE FUND

Founded in 1919 by gift of \$600, and increased in 1920 by further gift of \$400 from Harold and Charlotte C. Peirce in memory of their deceased son, George Peirce, '03. Present book value, \$3,071.60. The income only is to be used for a prize, to be called the George Peirce Prize in Chemistry or Mathematics, to the student who, in the opinion of the Faculty, has shown marked proficiency in either or in both of these studies and who wishes to follow a profession which calls for such preparation. Unused income is capitalized, as requested by the founders of the fund. Present book value, \$4,057.37.

LYMAN BEECHER HALL PRIZE FUND

Founded in 1924 by donation of securities of par value, \$2,000, book value, \$1,820, from the Class of 1898 in commemoration of their 25th anniversary of graduation to establish an annual prize of \$100 in Chemistry in honor of Doctor Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917. Present book value, \$2,155.00.

NEWTON PRIZE FUND

Founded in 1925 by donation of five shares of General Electric Co. stock by A. Edward Newton, par value, \$500, and book value, \$1,348.25. The income only is to be used for "The Newton Prize in English Literature to the undergraduate who shall submit the best essay on some subject connected with English literature." In 1930, the award was changed to be on the basis of Final Honors, and in any year when no award is made the income is to be used for the purchase of library books in the field of the unawarded prize. Present book value, \$1,397.75.

EDWARD B. CONKLIN ATHLETIC FUND

Founded in 1925 and added to in 1926, 1927 and 1929 by Frank H. Conklin, '95, in memory of his brother, Edward B. Conklin, '99. Present book value, \$2,400.00. The income is to be used without restriction in any branch of athletics.

ARBORETUM FUND

Founded in 1928 by setting aside \$5,000 from proceeds from sale of 5.811 acres of land on the southern boundary and southeast corner of the College farm. Until otherwise ordered by the Managers, the fund is to be invested and

the income only is to be used under the direction of the Campus Club for trees and shrubs upon the College grounds, or for their care, or for other similar purposes. Addition in 1951 (through 1949 campaign) of \$4,775 by Edward Wortman. Present book value, \$9,362.75.

WILLIAM ELLIS SCULL PRIZE FUND

Founded in 1929 by William Ellis Scull, '83, by a gift of \$2,000. The income is to be used annually, so long as the Managers may judge expedient, as a prize to be awarded at Commencement by the Faculty to that upper classman who in their judgment shall have shown the greatest improvement in voice and the articulation of the English Language. The prize is to be known as "The William Ellis Scull Prize." Present book value, \$2,000.00.

PAUL D. I. MAIER FUND

Founded Tenth Month 7, 1936, by bequest of \$1,000 from Paul D. I. Maier, '96, of Bryn Mawr, Pa. The bequest provides for the continuance of the Class of 1896 Prizes of \$10 each in Latin and Mathematics, and any balance of income is to be used for general purposes. Present book value, \$1,000.00.

STRAWBRIDGE OBSERVATORY MAINTENANCE FUND

Founded Second Month 13, 1937, from donations of \$5,627.37 from members of the Strawbridge family, being the amount in excess of the actual cost of the rebuilding and reequipping of the William J. Strawbridge, '94. Memorial Astronomical Observatory. The income is used for the maintenance and equipment of the observatory. The principal can be used for additional equipment, if so determined by the Board of Managers. In 1938 and 1939 an astrographic camera was so purchased at a cost of \$1,787.83. Present book value, \$3,839.54.

C. WHARTON STORK ART FUND

In First Month, 1930, C. Wharton Stork, of Class of 1902, donated to the Corporation securities of a then value of \$69,000 on account of a contemplated gift for the purpose of erecting, equipping, and furnishing an Art Museum at the College. Purchases were made by C. Wharton Stork of paintings, which are hung in the Library. This fund is to be liquidated and is not included in the total of the funds.

JACOB AND ENGIE BUCKY MEMORIAL FOUNDATION

Founded Sixth Month 4, 1942 by gift of \$2,000.00 from Colonial Trust Company of New York and Solomon L. Fridenberg of Philadelphia, co-trustees under the will of Eugenie Bucky, deceased (late of New York), the income only to be used. At the same time accumulated income of \$2,000.00 was also donated as Bucky Foundation Gift, this amount to be available for use for the same purposes as the income of the Foundation. Extracts from Mrs. Bucky's will and codicils in reference to the purposes of the Bucky Foundation are here made as follows:

"The purpose or object of such a Foundation or Fund is and shall be for the encouragement of them who seek new truths, and who endeavor to free and clear from mystery and confusion our knowledge concerning God¹; and thereby to enforce more effectively the common laws of mutual love and obligation, peace and goodwill, between and among our several creeds, races, nations, and markets.²

"My aim, intention, purpose and object is to help in promoting piety among men, enlightening their ignorance and bettering their condition, by making more and more extensive and by spreading among the public at large not only the preaching but also the practicing of the words of the . . . American motto 'In

God We Trust,' and of the . . . Preamble to the Constitution for the United States of America. I believe and therefore I aim, intend and purpose that the uplifting of men, women and children to the standard of life taught in the Scriptures and the Constitution for the United States of America is indeed the work of Charity, dispels ignorance, inculcates generous and patriotic sentiments, and fits the public groups and the individual men or women for their good usefulness in the American Commonwealth."

1. Associated with the American motto "In God We Trust."

2. Associated with the Preamble of the Constitution for the United States of America—"to form a more perfect union, establish justice, insure domestic tranquility, provide the common defense, promote the public welfare, and secure the blessings of liberty to ourselves and our posterity."

In 1945-1946 and 1954-1955 further gifts from the Trustees were added to the fund. Unused income, if any, has also been capitalized. Present book value, \$7,107.60.

MATHEMATICS DEPARTMENT PRIZE FUND

Founded May 20, 1943 from gifts totaling \$900.00 of members of the Mathematics faculty and others. A further gift of \$125 was made in 1943-44. The unused income is added to principal. This capitalized the annual prizes that had been given by the Mathematics professors for many years.

The Mathematics Department Prizes for freshmen, \$25.00, are awarded annually, in competition, by examination. Present book value, \$1,609.23.

WILLIAM T. ELKINTON FUND

Founded Ninth Month 6, 1944, by bequest from William T. Elkinton, of Philadelphia, arising from a Trust set up by him during his lifetime. The principal was \$2,491.50 and income received, \$11.11, a total of \$2,502.61. After the death of a life beneficiary, the Trust provided: "to pay over, assign and transfer one of said equal parts unto the Corporation of Haverford College (a corporation of the State of Pennsylvania); the principal fund thus passing to said Corporation to constitute a part of such endowment as may be established at Haverford College as a fitting memorial of Friends' relief work abroad, which memorial 'should foster the peaceful relations of the United States with foreign countries by acquainting our youth with the principles of European governments and with international problems'; provided however, that if no such Endowment should be established at Haverford College prior to the expiration of one year after the principal of the Fund hereby conveyed becomes distributable under the provisions of this deed, the said one-third part of the fund hereby conveyed shall be devoted by the Corporation of Haverford College for such other purpose as the Trustees acting hereunder, their survivor or successor, shall designate, preferably for the furtherance of education in some form at Haverford College or for providing assistance in the form of scholarships to promote education."

In accordance with a suggestion from President Morley, concurred in by Thomas W. Elkinton representing the Trustees, the Managers voted on Ninth Month 22, 1944, that "the income until otherwise directed, is to be used for traveling and other expenses in the attendance at intercollegiate conferences for discussion of international problems by representatives of the International Relations Club at Haverford." The Trustee further stated "as long as the activities of the Club are closely related to 'acquainting our youth with the principles of European governments and with international problems,' the use of the income by the Club would be satisfactory."

TILNEY MEMORIAL FUND

Founded in First Month, 1945, by gifts totaling \$2,000 by I. Sheldon Tilney, 1903, in memory of his parents, John S. and Georgiana E. Tilney. The income is to be used "to try to influence the student body towards a more religious viewpoint of life." Permission was also granted by the donor that "the income may be used also in connection with a scholarship for students in the field of Philosophy or Biblical Literature."

In 1945-1946 the fund was increased to \$5,000, by gifts of \$1,000 from Georgiana S. Kirkbride and \$2,000 from Robert W. Tilney, sister and brother of I. Sheldon Tilney. In 1948-49 a further gift of \$250 was received from I. Sheldon Tilney. In 1949-50 a further gift of \$1,000 and in 1952-53 \$500 was received from I. Sheldon Tilney. Present book value, \$7,000.

CLASS OF 1902 LATIN PRIZE FUND

Founded Second Month 2, 1945, by gift from Class of 1902 of \$142.90, being proceeds of sale of security formerly purchased and held by the Class to perpetuate a Latin Prize of \$10 annually at Haverford. The Class had donated the income for this prize since 1913. An unused balance of \$39.00 of such donations was transferred to the income account of this fund.

CLASS OF 1898 GIFT

Founded Sixth Month 12, 1948, by contributions totaling \$6,100 from members of the Class of 1898 as a 50th Anniversary Gift of their graduation. The conditions of the gift were "For a period of 25 years the income only produced by the fund is to be used to pay the expenses of lectures at the College by qualified persons on such subjects and at such times as the President of the College, with the advice of the Faculty, may think best, including at the discretion of the President, conferences between the lecturers and the students. After August 31, 1973, the income and/or principal of the fund, may, at the discretion of the Board of Managers, be used for any purpose in connection with the College." Present book value is \$6,315.00.

EDMUND J. LEE MEMORIAL AWARD FUND

Founded Eighth Month 31, 1948, by donations totaling \$906.50 from members of the Class of 1943 on the occasion of their Fifth Reunion. The Class desired "to perpetuate the memory of Edmund Jennings Lee, 2nd, its sole member killed in the past war, and to stimulate in the College that spirit of service for which he was known. In 1948-1949 a further gift of \$100 was received from Miss Mildred W. Lee, sister of Edmund J. Lee.

"The proceeds from the invested fund shall be used to establish an annual award to be known as the Edmund J. Lee Memorial Award to be awarded annually beginning in 1949, to the recognized undergraduate organization which has contributed most toward the furtherance of academic pursuits, extra-curricular activities, spiritual growth, or college spirit, in individuals or in the College as a whole during the year. The Award is to be used by its recipient in continuing to render such service."

THE DAVID R. BOWEN PREMEDICAL FUND

Established in 1950 by the family and friends of the late Dr. David R. Bowen, who, regretting a definite lack in his own training, believed strongly that men preparing to be physicians should receive a basic liberal education of the kind offered at Haverford College. The income is to be used at the discretion of the President of Haverford College, to purchase books for the use of premedical students, pay for professional magazine subscriptions, for lecturers, or for any other projects closely related to premedical training. Further gifts have been made yearly to the fund. Present book value, \$902.55.

JONATHAN & RACHEL COPE EVANS FUND

"Founded in 1952, through gifts to the 1949 Campaign by the children and grandchildren of Jonathan and Rachel Cope Evans. The principal is to be invested and the income used one-half for scholarships and one-half for the purposes of the Rufus M. Jones Fund for Advancement of Teaching. If, however, at the expiration of twenty-five years the Board of Managers deems it advisable to use the income, or if necessary the principal, of the Fund for other purposes, it shall be free to do so." A further gift was made in 1952-53 of \$500. Present book value is \$14,043.62.

EDWARD HAWKINS MEMORIAL FUND

Established in 1953 by a gift to the College from the Class of 1937. The Fund is given in memory of Edward Hawkins, a member of that class.

The income to be used for the purchase of equipment required for intramural athletics. If such becomes impracticable, the income is to be used as directed by the Managers. Present book value is \$1,457.44.

WILLIAM W. BAKER PRIZE FUND

"Founded in 1954 by bequest of \$500.00 from Mertie Gay Baker, who died January 31st, 1954, the fund is to be invested and the income given as a prize in the study of Greek. If the study of Greek at the said College should be discontinued, I direct that the income be given as a prize for the study of Latin and should the study of Latin be discontinued, I direct that the income be used as a prize in the study of Ancient History or Biblical Literature."

CHRISTIAN RELIGION AND THOUGHT FUND

Founded in 1958 by a special grant from an anonymous source, this amount is to be used to establish a fund for purposes connected with the problems of Christian religion and thought.

Until otherwise directed by the Board, the income may be used as directed by Professor Douglas Steere, and the administration of the college; the principal may be expended from time to time upon their recommendation and at the discretion of the Board of Managers for the above purposes. The present book value of the fund is \$4,000.

FUNDS WITHDRAWN

The following funds left to the college with no restrictions, have been wholly consumed to meet in part the Corporations' share of the Building Program of 1953-1956:

Ellen Waln Fund
Henry Norris Fund
Clarence W. Bankard Fund
Mary Brown Fund
Emma Ridgway Comly Fund
Mary K. Comly Fund
Charles J. Rhoads Fund



STATED MEETINGS OF THE CORPORATION AND THE MANAGERS

The Annual Meeting of "The Corporation of Haverford College" is held in Tenth Month at such time and place as the Board of Managers may determine.

The Stated Meetings of the Managers will be held on the third Sixth-day of First, Third, Fifth, Ninth and Eleventh months.

LEGACIES

The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

FORM OF BEQUEST OF PERSONAL PROPERTY

I give and bequeath, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, the
sum ofDollars.

FORM OF DEVISE OF REAL ESTATE

I give and devise, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, its Successors and Assigns, in fee, the following described real estates:
(Here describe the real estate.)

HAVERFORD COLLEGE BULLETIN



Directory, 1958-1959

VOLUME LVII

NUMBER FOUR

April, 1959

Issued quarterly by Haverford
College, Haverford, Pennsylvania

Entered as second-class matter November 2, 1944, at the Post
Office at Haverford, Pa., under the Act of August 24, 1912.

1958

	S	M	T	W	T	F	S		S	M	T	W	T	F	S
Sept.		1	2	3	4	5	6	Nov.							1
	7	8	9	10	11	12	13		2	3	4	5	6	7	8
	14	15	16	17	18	19	20		9	10	11	12	13	14	15
	21	22	23	24	25	26	27		16	17	18	19	20	21	22
	28	29	30						23	24	25	26	27	28	29
									30						
Oct.				1	2	3	4	Dec.		1	2	3	4	5	6
	5	6	7	8	9	10	11		7	8	9	10	11	12	13
	12	13	14	15	16	17	18		14	15	16	17	18	19	20
	19	20	21	22	23	24	25		21	22	23	24	25	26	27
	26	27	28	29	30	31			28	29	30	31			

1959

	S	M	T	W	T	F	S		S	M	T	W	T	F	S
Jan.					1	2	3	Apr.				1	2	3	4
	4	5	6	7	8	9	10		5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	29	30	31		26	27	28	29	30		
Feb.	1	2	3	4	5	6	7	May						1	2
	8	9	10	11	12	13	14		3	4	5	6	7	8	9
	15	16	17	18	19	20	21		10	11	12	13	14	15	16
	22	23	24	25	26	27	28		17	18	19	20	21	22	23
									24	25	26	27	28	29	30
									31						
Mar.	1	2	3	4	5	6	7	June		1	2	3	4	5	6
	8	9	10	11	12	13	14		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
	29	30	31						28	29	30				

College days in heavy-face type.

Calendar

1958-59

New students arrive	Sept. 18
Registration of all new students	Sept. 22-23
Returning students arrive, Monday afternoon	Sept. 22
Beginning of College year with Collection 9 A.M.	Sept. 24
Registration of returning students to be filed by 4 P.M.	Sept. 24
First semester classes begin 8 A.M.	Sept. 25
Thanksgiving vacation begins 1 P.M.	Nov. 26
ends 8 A.M.	Dec. 1
Registration (Spring Term)	Dec. 9, 10, 11
Christmas vacation begins 4 P.M.	Dec. 19
ends 8 A.M.	Jan. 5
First semester classes end 4 P.M.	Jan. 15
All papers assigned must be turned in by 4 P.M.*	
Mid-year examinations (dates inclusive) **	Jan. 19-31
Second semester classes begin 8 A.M.	Feb. 2
Applications for Fellowships for the following year must be filed by	Mar. 1
Spring vacation begins noon	Mar. 28
ends 8 A.M.	Apr. 6
Applications for Scholarships	Apr. 15
Major Registration cards for men in the Fourth term must be filed by 4 P.M.	Apr. 15
Registration (Fall Term)	Apr. 28, 29, 30
Manuscripts in competition for prizes must be filed in the Registrar's Office by 4 P.M.	May 1
Second Semester classes end 12 noon	May 16
All papers assigned must be turned in by 4 P.M.*	
Senior Comprehensive Examinations (dates inclusive)	May 18-21
Final Examinations (dates inclusive) **	May 21-June 3
Commencement	June 5

*If a paper is assigned in place of the final examination in a course, the date by which it is due may be set by the instructor not later than 4 P.M. on Tuesday of the final week of the examination period, or for seniors in their final semester, noon on Monday of that week. Late papers will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean.

**Laboratory notebooks must be turned in not later than the scheduled time of the examination in the course. Late notebooks will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean. In courses which have no scheduled examination, notebooks must be turned in by 4 P.M. on Tuesday of the final week of the examination period.

HAVERFORD COLLEGE

Campus Activities Calendar 1958-1959

September

- 18-23 Freshman Orientation
- 22-23 Registration of all new students
- 24 Beginning of College year, Collection
- 24 Registration of returning students
- 25 First Semester classes begin
- 26 Bryn Mawr Freshman Mixer
- 27 Baldwin School Freshman Mixer

October

- 3 Mixer for Bryn Mawr at Haverford
- 4 Football - Wagner home
- 4 Soccer - F & M, home
- 10 Cross Country - Delaware, home
- 10-11 Bryn Mawr Freshman Hall Plays
- 14 Soccer - Lafayette, home
- 17 Cross Country - PMC, home
- 18 Bryn Mawr Junior Show and Dance
- 21 Freshman Class Elections
- 22 Soccer - Lehigh, home
- 24 Bryn Mawr Lantern Night
- 25 125th Anniversary Celebration and Homecoming Day
- 25 Law School Admission Test
- 25 Football - Hamilton, home
- 25 Soccer - Temple, home
- 25 Cross Country - Lafayette, away
- 25 Sophomore Dance
- 28 125th Anniversary Celebration

November

- 1 125th Anniversary Celebration
- 8 Football - Ursinus, home
- 8 Arts Night at Bryn Mawr
- 8 Parents' Day
- 14 Soccer - Pennsylvania, home
- 14 Cross Country - Swarthmore, home
- 21-22 Drama Club at Bryn Mawr
- 22 Football - Swarthmore, home
- 22 Soccer - Swarthmore, home
- 22 Varsity Club Dance

Campus Activities Calendar 1958-1959

November-December

- 26- 1 Thanksgiving Vacation
- 6 Basketball - Rutgers, home
- 9-11 Registration for Spring Term
- 10 Basketball - Stevens, home
- 13 Basketball - Johns Hopkins, home
- 15 Glee Club Christmas Concert with Bryn Mawr
- 16 Wrestling - Albright, home

December-January

- 19- 5 Christmas Vacation

January

- 9 Fencing - Princeton, home
- 14 Basketball - Drexel, home
- 14 Wrestling - Delaware, home
- 15 First Semester classes end
- 17 Graduate Record Examination
- 19-31 Mid-Year Examinations

February

- 2 Second Semester classes begin
- 4 Fencing - Lehigh, home
- 7 Basketball - Drew, home
- 7 Freshman Dance
- 11 Basketball - Ursinus, home
- 11 Wrestling - Muhlenberg, home
- 14 Law School Admission Test
- 14 Basketball - Swarthmore, home
- 14 Wrestling - Bucknell, home
- 14 Bryn Mawr Freshman Show
- 18 Wrestling - Moravian, home
- 21 Basketball - PMC, home
- 21 Fencing - Johns Hopkins, home
- 27 Class Athletic Day
- 27-28 Wrestling - Middle Atlantic

March

- 2 Applications for Fellowships must be filed
- 4 Campus Day
- 5- 6 Class Night
- 7 Junior Dance
- 20-21 Drama Club at Bryn Mawr

Campus Activities Calendar 1958-1959

March-April

28- 6 Spring Vacation

April

- 8 Golf - Lafayette, home
- 9 Golf - St. Joseph, home
- 10 Tennis - Navy, home
- 11 Baseball - Rutgers, home
- 11 Track - F & M, home
- 15 Applications for Scholarships and Registration
for Majors
- 15 Baseball - PMC, home
- 15 Tennis - Rutgers, home
- 18 Baseball - Drexel, home
- 24 Golf - Moravian, home
- 24 Tennis - Pennsylvania, home
- 25 Baseball - LaSalle, home
- 25 Tennis - Ursinus, home
- 25 Glee Club
- 25 Bryn Mawr Maids & Porters Show
- 28-30 Registration for Fall Term
- 29 Baseball - St. Joseph, home
- 29 Track - Washington, home

May

- 1 Manuscripts for prize competitions must be filed
- 1 Golf - Swarthmore, home
- 2 Medical College Admission Test
- 2 Baseball - Swarthmore, home
- 2 Alumni Day
- 2 Track - Swarthmore, away
- 5 Tennis - Lafayette, home
- 6 Baseball - Ursinus, home
- 8 Golf - F & M, home
- 8- 9 Drama Club at Haverford
- 9 Tennis - Lehigh, home
- 12 Golf - Pennsylvania, home
- 16 Second Semester classes end
- 18-21 Senior Comprehensive Examinations

May-June

- 21- 3 Final Examinations

Campus Activities Calendar 1958-1959

June

- 3 Phi Beta Kappa annual meeting
- 5 Commencement

ACADEMIC YEAR 1958 - 1959

DIRECTORY

FACULTY AND STAFF

Name and Residence ¹	Telephone ²	Office
AMBLER, William W. 209 Bloomingdale Av, Wayne	MU 8-1490	Admissions
ANDREWS, Florence N. 26 Pine Valley Rd, Broomall	EL 6-1280	Dean's Office
ARCHFIELD, Dorothy B. 670 Woodcrest Av, Ardmore	2-4728	Telephone Exchange
**ASENSIO, Manuel J. 500 Oakley Rd	2-4163	Williams House
ASHMEAD, John Jr. 9 College La	2-5173	Library 49
BAKER, Walter C. 1128 Wyndon Av, Rosemont	LA 5-9987	Development
BENHAM, Thomas A. 5 College La	2-6044	Sharpless 101
BORTON, Hugh 1 College Circle	2-5561	President
BRAMALL, Norman B. 260 Margate Rd, Upper Darby	CL 9-4304	Gymnasium
BRAMALL, Raymond 554 Broadview Rd, Beverly Hills	FL 2-5581	Gymnasium
BRECHEMIN, Edythe 119 Winter St, Media	LO 6-0987	Founders
BREUNINGER, William M. 329 Ellis Rd, Havertown	HI 6-2526	Gymnasium
BUTMAN, Robert H. 1 College La, 3rd Fl	9-9002	Whitall 28
CADBURY, Henry J. 774 Millbrook La,	2-1739	Library 51
CADBURY, William E., Jr. 791 College Av	2-0203	Dean
CARR, Edytha M. 154 W. Eagle Rd, Havertown	HI 6-9562	Registrar
CARTER, Katharine M. 521 Valley View Rd, Merion Station	MO 4-0246	President's Office
CARY, John R. 627 Walnut La	2-3203	Whitall 27

Name and Residence ¹	Telephone ²	Office
CASELLI, Aldo 6 College Circle	2-5562	Business Manager
CODDINGTON, John I. 401 E. Lancaster Av	9-1344	Chase 7
COMFORT, Forrest D. 108 Chestnut Av, Narberth	MO 4-3717	Roberts, 1st Fl
COMFORT, Howard 901 Rock Creek Rd, Bryn Mawr	LA 5-4578	Sharpless 301
COOPER, Bennett S. 4 College La	2-6724	Alumni Secretary
CRAIG, Mae E. 5011 Bond Av, Drexel Hill	SU 9-6876	Library Staff
CRAIK, Carla 117 Campbell Av, Havertown	HI 7-0226	Library
CURRAN, Marilyn 117 Grandview Rd, Ardmore	9-3797	Development
DANA, Elizabeth M. 415 Spring Mill Rd, Villanova	LA 5-3395	Library
DeGRAAFF, Frances The Low Bldgs, Bryn Mawr College	LA 5-1000	Bryn Mawr College
DESJARDINS, Paul J. R. 8 College La	2-3947	Library 45
DOCHERTY, Patricia 5 Williams Rd	LA 5-6335	Bookstore, Union
DOCHERTY, William J. 5 Williams Rd	LA 5-6335	Gymnasium
DONOVAN, Janet L. 237 Signal Rd, Drexel Hill	HI 7-1601	Business
DRAKE, Thomas E. 650 Clyde Rd, Bryn Mawr	LA 5-1534	Library, Treas. Rm.
DUNATHAN, Harmon C. 10 Railroad Av, Apt. 2D	2-0770	Chem. Lab. 15
FINGER, Irving 10 Railroad Av, Apt. 3D	2-4723	Sharpless 207
FLIGHT, John W. 791 College Av	9-1668	Sharpless 304
***FOSS, Martin 1A College La		
FOSTER, Catherine S. 2008 Laurel Rd, Havertown	HI 6-2645	Registrar's Office
FOWLE, James 629 Haydock La	9-1216	Hilles, 2nd Fl
FREUND, Gerald 3 College La, 1st Fl	2-6148	Library 48

Name and Residence ¹	Telephone ²	Office
***FRIEDRICH, Gerhard Gunter 2705 South St, Allentown		
GOLDBERGER, Else Orchard House, Cedar Grove Rd,	EL 6-3927	Library Staff
GORDON, R. Henri 224 Dorset Rd, Devon	MU 8-2970	Gymnasium
GOVE, Betty Anna 664 Woodcrest Av, Ardmore	2-6777	Business
GREEN, Elizabeth U. 791 College Av	9-0265	Sharpless 209
GREEN, Louis C. 791 College Av	9-0265	Observatory
GUTWIRTH, Marcel M. Featherbed La	9-2266	Library 44
HARGREAVES, Mildred 867 Lancaster Av, Devon	MU 8-4709	Faculty
HARPER, Edward 901 Old Gulph Rd, Bryn Mawr	LA 5-1743	Secretary Whitall 28
HARRISON, David Kent 10 Railroad Av, Apt 1D	9-0474	Hilles, 2nd Fl
HARTER, Gerald S. 2511 Grand Av, Holmes	LE 2-1394	Gymnasium
HEATH, Douglas H. 48 Wentworth La, Rosemont	LA 5-5332	Sharpless 308
HETZEL, Theodore B. 768 College Av	2-4393	Hilles, 2nd Fl
HISCOTT, Margaret 335 Overhill Rd, Wayne	MU 8-4033	Gymnasium & Business Off.
**HOLMES, Clayton W. 2 College Circle	9-9651	Hilles, 1st Fl
HOLST, Jean K. 200 S. Spring Mill Rd, Villanova	LA 5-2447	Library
HORN, Robert Leslie 500 Panmure Rd	2-6570	Sharpless 304 (Museum)
**HUNTER, Holland Woodside Cottage, Haverford College	9-2780	Whitall 21
HYSLOP, Constance 516 Panmure Rd	2-7395	Library Staff
JANSCHKA, Fritz Wyndham Studio, Merion Av, Bryn Mawr	LA 5-2544	Bryn Mawr College
KELLY, J. Wallace 27 S. Wyoming Av, Ardmore	9-1175	
KELLY, John A. 10 Railroad Av, Apt 2B	9-9412	Whitall 27

Name and Residence ¹	Telephone ²	Office
KENNEDY, George Alexander 10 Railroad Av, Apt 3A	2-3149	Library 50
KIPPING, Margery P. 30 Hannum Dr, Apt 1A, Ardmore	2-5070	Alumni Office
KRASAUSKAS, Marija K. 7 College La	9-1485	Library Staff
KRATZ, Bertha Morris Infirmary, Haverford College	2-3133	Infirmary
LANDER, Dr. William W. 201 Broughton La, Villanova	LA 5-4363	Infirmary
LEMONICK, Aaron 7 College La	9-1485	Sharpless 104
LESTER, John A., Jr. 5 College Circle	2-6310	Library, 1st Fl
LEUTE, George M., Jr. 325 Wayne Av, Drexel Hill	CL 9-3406	Gymnasium
LOCKWOOD, Dean P. 2 College Circle	9-9330	Library
LOEWY, Ariel G. 2 College La, 2nd Fl	2-0682	Sharpless 201
LUDINGTON, Charles W. 10 Railroad Av, Apt 3C	9-9490	Union
LYONS, Will 10 Railroad Av, Apt 2A	2-9380	Whitall 24
MacCAFFREY, Wallace T. 773 College Av	9-9875	Library 40
*MacINTOSH, Archibald 3 College Circle	2-0961	V. President & Director of Admissions
MackAY, Colin F. 708 Argyle Rd, Wynnewood	9-1725	Chem. Lab. 22
MacKINNON, Patricia R. 439 State Rd, Devon	MU 8-4271	Public Relations
MARTINSON, Virginia C. 569 Woodside Av, Berwyn	Berwyn 6199	Library
MILLS, James 6712 Souder St, Phila 24	PI 5-2036	Gymnasium
MORSCH, Richard O. 217 Wickford Rd, Havertown	HI 6-2949	Gymnasium
NEWHALL, Suzanne K. 164 Penna Av, Bryn Mawr	LA 5-3014	Library Staff
NUGENT, Miriam R. Founders Hall, Haverford College	9-2746	Director of Food & Housing

Name and Residence ¹	Telephone ²	Office
OAKLEY, Cletus O. Featherbed La	9-9895	Founders 103
PALMER, Frederic Jr. 1 College La	2-6878	
PARKER, Francis H. Featherbed La	9-9896	Library 42
PEDERSEN, Ann Laurel La	2-5232	Library
PERRY, Charles 749 Polo Rd, Bryn Mawr	LA 5-6031	Development
PFUND, Harry W. 624 Overhill Rd, Ardmore	2-5532	Whitall 22
PICKETT, Clarence E. 510 Panmure Rd	2-6872	
POST, L. Arnold 618 Walnut La	9-2932	
PRICE, Howard 1611 Robinson Av, Havertown	HI 6-9306	Gymnasium
PRUDENTE, Ernest 822 Wynnewood Rd, Ardmore	2-2577	Gymnasium
QUINN, Doris Shaw 10 Railroad Av, Apt. 3B	2-2748	Founders 304
QUINN, Francis J. 10 Railroad Av, Apt. 3B	2-2748	Founders 305
RALPH, Esther 53 Village Way, Malvern	MA 2879-W	Library Staff
RANDALL, Roy E. Coach House	9-9845	Gymnasium
RANTZ, J. Otto 2122 Chestnut Av, Ardmore		
REESE, Ruth H. 205 Marlboro Rd, Ardmore	2-8788	Library Staff
***REESE, William H. 3 College La, 1st Fl		
REID, Ira DeA. 2 College La	2-7764	Chase 3
REID, Legh W. 10 Railroad Av		
***REITZEL 747 College Av		
RITTENHOUSE, Leon H. 6 College La	2-5522	
ROGOW, Arnold Austin 765 College Av	9-3720	Founders 303

Name and Residence ¹	Telephone ²	Office
ROSE, Edgar S. 3 College La	9-9089	Whitall 26
SANTER, Melvin 3 College La	9-2423	Sharpless 206
SARGENT, Ralph M. 4 College Circle	2-3339	Whitall 21
SATTERTHWAITE, Alfred 616 Walnut La	2-2535	Library 46
SELOVE, Fay Ajzenberg 520 Brookview La, Havertown	HI 9-0886	Sharpless 108
SHAW, Michael 36 Railroad Av, Apt C	9-1645	Founders 306
SHEATS, Paul D. 360 Belrose La, Box 216, Radnor	MU 8-4658	Library 43
SMITH, John W. 1 College La, 2nd Fl	2-0160	Library 39
SNYDER, Edward D. 36 Railroad Av	2-0712	
SOMERS, Ann Ramsay 521 Pannmure Rd	2-3827	
SOMERS, Herman M. 521 Pannmure Rd	2-3827	Founders 108
STEERE, Douglas V. 739 College Av	2-0162	Library 41
STEFAN, Marie 10M Wynnewood Park Apts	9-0467	Business
SWAN, Alfred 773 College Av	2-8374	Music Room Union
TEAF, Howard M., Jr. 2000 Old Gulph Rd, Villanova	LA 5-8029	Whitall 25
TENAGLIO, Yolanda M. 118 Walnut Av, Ardmore	9-9332	Business
THOMPSON, Eleanor A. 1633 Woodmere Way, Havertown	HI 6-5077	Admissions
VOGELSBURG, Jean 242 Kent Rd, Wynnewood	9-9861	Bookstore
WALTER, Robert I. 10 Railroad Av, Apt 2C	9-9258	Chem. Lab. 4
WARNER, Elizabeth L. Mermont Plaza, Bryn Mawr	LA 5-0520	Development
WATSON, Frank D. 36 Railroad Av	9-1035	

Name and Residence ¹	Telephone ²	Office
WATSON, Dr. Wm. R., Jr. 2 Cushman Rd, Rosemont	LA 5-0844	At residence
WELLS, Amanda Whiteall Apts, #316		Business
WILLIAMS, Russell R., Jr. 715 College Av	2-5536	Chem. Lab. 10
WILSON, Norman M. 23 Wellington Rd, Ardmore	2-4036	Hilles Basement
WISNER, Robert J. 785 College Av	9-9080	Founders 105
WONSON, Gertrude M. North House, New Gulph Rd, Bryn Mawr	LA 5-2320	Admissions
WYLIE, Laurence W. 753 College Av	2-4148	Library 38

*Indicates absence during first semester

**Indicates absence during second semester

***Indicates absence during whole academic year

¹Haverford, unless otherwise noted

²Midway, unless otherwise noted

OPERATIONS PERSONNEL

<u>Skilled</u>	<u>Grounds</u>	<u>Steam Plant</u>
E. W. Roberts, Foreman	Walter Volkert, Foreman	Clifford Chapin Robert Hargreaves
Garland Banks	William T. Alphin	
Philip Daly	Louis Coursey	<u>Mail Room</u>
Vincenzo DiSanto	Michael Diorio	William Carter
Arthur Kulp	John T. Grose	Thomas Cavanaugh
Starling McCoury	Carmen Ianieri	
Joseph Pezzetta	Pasquale Labricciosa	
Charles N. Roberts	Julius Latney	
Joseph Sinclair	Giovanni Martone	
Edward Walsh	Perry McDaniel	
	V. Piacere	
	Antonio Valente	

Department of Food and Housekeeping

Miriam Nugent, Director of Food & Housing

Audrey Evans, Assistant to Dietitian	Sally Sullivan Housekeeper
Joseph Banks	Randolph Braxton
Roy Bell	James B. Brinkley
Edward C. Byron	Thomas Burns
Joseph Cato	Domenico Carlino
Andrew Hudson	Johnnie Elliott
Joseph Jones	Tommasco Gagliardi
John Latney	John House
Lloyd Melton	John Jordan
Willie Newton	Samuel Lake
Hammett Puryear	George Razionali
James Reid	John Savage
James Rhodes	Otha Savage
George Royal	Alexander P. Spada
Samuel Simpkins	Angelina DiBerardino
Dock Young	Angelina Carlino
	Agathie Calvarese
	Antonetta Mancini
	Antonietta Piacere
	Giovanna Vizzarri

<u>Coop</u>
James Foster
LeRoy Wescott

Location of Offices

President	--	Roberts Hall, 2nd Floor
Vice President	--	Roberts Hall, 2nd Floor
Admissions	--	Roberts Hall, 2nd Floor
Alumni	--	Founders Basement
Business	--	Whitall Bldg.
Dean	--	Roberts Hall, 1st Floor
Development & Public Relations	--	Founders Basement
Maintenance	--	Whitall Bldg.
Registrar	--	Roberts Hall, 1st Floor

Security Service

M. H. Eastburn, Sr. Detective, Telephone: Elgin 6-0606

COLLEGE OFFICE AND BUILDING TELEPHONES

College offices as well as Faculty members may be reached by dialing Midway 9-9600, at any time between 9:00 a.m. and 5:00 p.m. on weekdays, and between 9:00 a.m. and 12:30 p.m. on Saturdays.

NIGHT LINES

When there is no operator on duty, use the following telephone numbers:

Midway 9-9600	Business Office, Maintenance and Operations Office
Midway 9-9601	Library; Registrar
Midway 9-9602	Chemistry Laboratory; Gymnasium
Midway 2-3133	Infirmary
Midway 2-7307	President's Office
Midway 2-5704	Admissions Office
Midway 2-0340	Public Relations Office
Midway 2-5588	Dietician

PAY STATIONS

Barclay Hall, Third Floor	Midway 9-9717
Field House	Midway 9-9730
Founders Hall, East	Midway 2-9460
Founders Hall, Dormitory	Midway 2-9533
French House	Midway 2-9613
Guest Room -32-	Midway 2-7098
Guest Room -24-	Midway 2-4714
Kitchen	Midway 2-9544
Leeds Hall (Rooms 1 to 30)	Midway 2-9402
Leeds Hall (Rooms 101 to 104)	Midway 2-9486
Leeds Hall (Rooms 201 to 204)	Midway 2-9499
Lloyd Hall, 8th Entry	Midway 2-9628
Powerhouse	Midway 2-9540
Sharpless Bldg.	Midway 9-9747
Scull House, 521 Panmure Rd, 3rd Floor	Midway 2-9516
2nd Floor	Midway 2-9474
Union	Midway 2-9514
Williams House, 500 Oakley Rd	Midway 2-9428

STUDENTS IN THE COLLEGE

In the next to the last column is given the number of student's dormitory room.

B	for Barclay	Ll	for Lloyd Hall
F	for Founders Hall	SH	for Scull House
FH	for French House	WH	for Williams House
Le	for Leeds Hall	YH	for Yarnall House

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
ABRAMS, Robert	2723 Country Club Rd, Phila 31, Pa.	306 B	_____
ADAMS, Donald W.	E. Dorsey La, Poughkeepsie 33, N. Y.	106 B	<u>9-3662</u>
ADAMS, Gordon W.	3031 Guilford St, Phila 15, Pa.	23 WH	_____
ADAMS, Jack R.	4545 Connecticut Av, N.W., Apt 335, Washington, D.C.	315 F	_____
AKASHI, Norio	23, Hikawa-cho, Nakano-ku, Tokyo, Japan	118 B	_____
ALBRIGHT, Randall L.	1222 Van Steffy Av, Wyamissing, Pa.	11 Ll	<u>2-9076</u>
ALDERSON, Evan W.	501 Oakley Rd, Haverford, Pa.	Day	_____
ALEXANDER, Gregory G.	112 Highland Av, Bala-Cynwyd, Pa.	43 Ll	<u>2-9873</u>
ALEXANDER, Henry J.	18 Edward St, Belmont 78, Mass.	28 SH	_____
ALLEN, J. Linn W.	1357 E. 56th St, Chicago 37, Ill.	312 B	_____
ALLEN, Russel G.	136 Beach Bluff Av, Swampscott, Mass.	13 Ll	<u>9-3161</u>
ALLENDORFER, Robert D.	4300 53rd Av, N.E., Seattle 5, Wash.	317 B	_____
ALVING, Carl R.	5600 S. Dorchester Av, Chicago 37, Ill.	6 FH	<u>2-8996</u>
ANDERSON, Marc B.	760 Lone Pine Rd, Bloomfield Hills, Mich.	213 B	<u>2-9847</u>
ANDREWS, Edson J.	205 E. College Av, Tallahassee, Fla.	31 WH	<u>2-8882</u>

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
ANDREWS, Willard E.	237 McElroy Av, Palisade, N.J.	41 L1	<u>9-2606</u>
ARMSTRONG, Alan W.	8117 Park Crest Dr, Silver Spring Md.	32 L1	<u>9-3305</u>
ARMSTRONG, Peter H.	530 Pleasant St, Belmont, Mass.	318 F	_____
ARNOW, Peter L.	Fairfield Dr, Morristown, N.J.	55 L1	<u>2-8067</u>
ARONOFF, Michael S.	409 Hidden River Rd, Penn Valley (Narberth), Pa.	Day	_____
ARNY, Thomas T.	149 Watchung Av, Montclair, N.J.	217 B	_____
ATCHISON, David A.	4912 Haines Av, N.E., Albuquerque, N.M.	111 B	_____
BAEHR, Joel D.	218 Brompton Rd, Garden City, N.Y.	106 B	<u>9-3662</u>
BAKER, David R.	2015 S. Lincoln Av, Oceanside, Cal.	412 B	_____
BAKER, J. Dennis	Apartado 1944, Habana, Cuba c/o Ruston Academy	32 WH	<u>2-8882</u>
BALDWIN, Malcolm F.	Orchard Glen, Rochester 10, N.Y.	218 B	_____
BARBER, George P.	91 Sunset Av, Amherst, Mass.	316 B	_____
BARLOW, Thomas J., III	4717 Drummond, Chevy Chase 15, Md.	103 B	_____
BARTINE, David E.	1300 S. 58th St, Phila 43, Pa.	Day	_____
BAUER, Andrew F.	8105 Flourtown Av, Phila 18, Pa.	311 B	<u>2-6943</u>
BEGGS, Thomas A.	1230 Edgehill Rd, Jacksonville, Ill.	410 B	_____
BEHLING, George R.	5031 Glenbrook Rd, N.W., Washington 16, D.C.	42 L1	<u>9-2606</u>
BELSLEY, David A.	3227 Rittenhouse St, N.W., Washington 15, D.C.	22 SH	<u>2-8598</u>
BENNETT, Michael J.	798 Welsh Rd, Huntingdon Valley, Pa.	Day	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
BERTOLET, Frederick C.	500 Friedensburg Rd, Reading, Pa. Local: 8 Draycott La, Haverford, Pa.	Day	
BERTOLET, John C.	500 Friedensburg Rd, Reading, Pa.	314 B	<u>2-0579</u>
BESDINE, Richard W.	3078 Perry Av, New York 67, N.Y.	38 SH	
BINGHAM, William R.	304 Conshohocken State Rd, Penn Valley, Pa.	225 F	
BLACKBURN, Paul P.	Box 49, APO 331, San Francisco, Cal.	51 L1	<u>2-9307</u>
BLAIR, John F.	206 S. Chestnut St, Derry, Pa.	210 B	
BLANCHARD, James T.	Park View Apts. D-925, Collingswood, N.J.	218 F	
BLAUVELT, Gerritt H.	4011 Briar La, Lafayette Hill, Pa.	216 B	
BLOCK, James A.	1817 Benson Dr, Dayton 6, Ohio	109 B	
BLUESTEIN, Richard	165 Stoneway La, Bala-Cynwyd, Pa.	317 F	
BOICE, Edward	18 E. Edgewater Av, Pleasantville, N.J.	81 L1	
BOLGIANO, D. Ridgely	4411 Norwood Rd, Baltimore 18, Md.	9 Le	<u>2-4448</u>
BONNER, Hugh	Locksley Rd, Glen Mills, Pa.	71 L1	<u>2-9312</u>
BOOK, Norm I.	740 W. 10th St., Claremont, Cal.	23 L1	<u>9-3353</u>
BOSHES, Roger A.	500 Sheridan Rd, Winnetka, Ill.	82 L1	<u>9-3351</u>
BOWEN, David R.	26 Spring Rd, Chappaqua, N.Y.	25 SH	
BOWER, John R.	434 Friedensburg Rd, Reading, Pa.	314 B	
BRADLEY, Keith W.	1532 Bay St, Springfield 9, Mass.	53 L1	<u>9-3113</u>
BREWSTER, J. Gurdon	7 Gracie Sq, New York, N.Y.	204A Le	
BRIOD, Marc E.	Windsor Rd, Hillsboro, N. H.	33 L1	<u>9-9491</u>

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
BROOKS, Stanley A., Jr.	Little Creek Farm, Limekiln Pike, Jarrettsville, Pa.	Day	
BROWN, Edwin G.	1347 Scotland Av, Chambersburg, Pa.	54 Ll	
BROWN, Peter G.	RD 2, Ridge Rd, Horseheads, N.Y.	21 Ll	<u>9-2227</u>
BULLARD, Truman C.	142 Roosevelt Rd, Rochester 18, N.Y.	53 Ll	<u>9-3113</u>
BURGIN, James M.	153 Kent St, Brookline 46, Mass.	117 B	
CALLAN, Curtis G., Jr.	129 Gansevoort Blvd, Staten Island, 14, N.Y.	307 B	
CAMPBELL, Bruce D.	2745 Edgehill Rd, Cleveland Heights, 6, Ohio	104B Le	
CANFIELD, Earl L., Jr.	Book Hill Rd, Essex, Conn.	206 B	
CARLIN, James F., Jr.	129 Marlborough Rd, Upper Darby, Pa.	Day	
CARPENTER, George G.	5109 Manning Pl, N.W., Washington, 16, D.C.	83 Ll	<u>2-5625</u>
CHALLIS, David J.	406 Woodland Rd, Sewickley, Pa.	22 WH	
CHAR, David C.	2106 Oahu Av, Honolulu 14, Hawaii	103A Le	<u>9-1846</u>
CLARK, Allen M.	Friends Hospital, Phila 24, Pa.	101 B	<u>9-3605</u>
CLARK, Jonathan	18 Bainton Rd, W. Hartford 5, Conn.	32 YH	<u>9-3927</u>
CLEMONS, Daniel M.	Ferris Hill Rd, New Canaan, Conn.	64 Ll	<u>2-8368</u>
COCKE, C. Lewis, Jr.	2830 S. Jefferson St, Roanoke, Va.	203 B	
COKER, John W.	109 Rockland Rd, Havertown, Pa.	Day	
COLBURN, Robert M.	101 Hundreds Rd, Wellesley Hills 82, Mass.	4 Le	<u>9-1346</u>
COLES, Robert L., II	118 Colonial Av, Moorestown, N.J.	311 F	

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
COLLETT, Jonathan H.	2305 East Hill Av, Cincinnati 8, Ohio	94 Ll	_____
COMANOR, William S.	6307 N. Camac St, Phila 41, Pa.	6 Le	<u>9-1346</u>
CONCORS, Alan J.	25 East Dr, Margate, N.J.	24 Ll	<u>9-2173</u>
CONN, Coulson A.	"Brookwood," Welsh Rd, Phila 15, Pa.	83 Ll	<u>2-5625</u>
COOPER, James D.	81 Park Pl, Hampton, Va.	Day	_____
	Local: 567 Lancaster Av, Haverford, Pa.		
COOPER, Jeffery M.	5311 Lee Av, Downers Grove, Ill	24 YH	<u>9-3927</u>
CORNWELL, Robert G.	125 Eastland Av, Rochester 18, N.Y.	216 F	_____
COULTHURST, John	656 Lancaster Av, Bryn Mawr, Pa.	Day	_____
CRAIG, William A.	29 Oaklandvale Av, Saugus, Mass.	21 Ll	<u>9-2227</u>
CUCINOTTA, Anthony J.	2416 W. Allegheny Av, Phila 32, Pa.	Day	_____
CURTIS, Richard W.	279 Highland Av, Cowesett, Warwick, R.I.	30 Le	<u>2-7548</u>
DAHLBERG, Albert E.	5756 Harper Av, Chicago 37, Ill.	43 Ll	<u>2-9873</u>
DAHLBERG, James E.	5756 Harper Av, Chicago 37, Ill.	219 B	_____
DAVID, J. Harris	372 Rand St, Camden, N.J.	41 Ll	<u>9-2606</u>
DAVIDSON, Ian H.	22 Academy St, Plymouth, Pa.	14 Ll	_____
DAVIS, Peter N.	826 E. Alton St, Appleton, Wisc.	201A Le	_____
DECKER, Douglass A., Jr.	116 S. Parkway Rd, Allentown, Pa.	34 SH	_____
DeJONG, John G.	809 E. Broad St, Westfield, N.J.	219 F	<u>2-8974</u>
deLUCA, Robert N.	917 Woodbine Av, Penn Valley, Narberth, Pa.	Day	_____
Del BELLO, Thomas M.	622 Fern St, Yeadon, Pa.	92 Ll	_____
DeNIE, Frans M.	169 Durie Av, Englewood, N.J.	206 B	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
DENT, Walter J.	Dillard University, New Orleans, La.	209 B	_____
deRIS, Conrad Owen	25 Pershing Rd, Englewood, N. J.	22 L1	_____
DESHONG, Howard C., Jr.	204 Owen Av, Lansdowne, Pa.	Day	_____
DIETRICH, Frank S.	254 Gardenia Dr, Memphis, Tenn	203 Le	<u>2-8459</u>
DOHAN, Michael R.	80 Princeton Rd, Bala Cynwyd, Pa.	7 FH	<u>2-7848</u>
DOHERTY, Robert D.	135 Broad St., Bridgeton, N. J.	107 B	<u>2-6736</u>
DORSEY, William A.	Huntingtown, Md	225 F	_____
DOWNS, C. B. Tertius	8 Kirk St., Lowell, Mass.	217 B	_____
DUFF, Thomas A.	138 Westchester Dr, Pittsburgh 15, Pa.	84 L1	<u>2-5625</u>
EDGAR, William H.	Oak Hill Farms, Allison Park, Pa.	22 WH	_____
EIDENBERG, Peter J., III	2442 St. Denis La, Havertown, Pa.	Day	_____
ELKINS, Joseph H.	734 Lindale Av, Drexel Hill, Pa.	22 WH	_____
EMERY, Natt M., III	Main St. Ext., Bethlehem, Pa.	72 L1	<u>2-9312</u>
EMLN, John M.	2122 Van Hise, Madison, Wisc.	42 L1	<u>9-2606</u>
ENGELHARDT, Hans W.	Irondale (Box 452), Millville Rd, Bloomsburg, Pa.	204 Le	_____
ERB, William H., Jr.	15 Morton Av, Ridley Park, Pa.	115 B	_____
ESHLEMAN, John D.	967 Pleasure Rd, Lancaster, Pa.	116 B	_____
FAUNTLEROY, Carl N.	617 New York Av, Hampton, Va.	61 L1	<u>2-8649</u>
FEICK, Mead M.	111 Walnut St., Ardmore, Pa.	Day	_____
FENANDER, Elliot W.	15 Chatham Rd, Chappaqua, N. Y.	411 B	_____
FERNSLER, George L., Jr.	897 Parkwood Rd, RD #3, Norristown, Pa.	217 B	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
FISCHER, Allen C.	523 W. Mt. Airy Av, Phila 19, Pa.	201D Le	_____
FISHER, Stephen W.	1510 Flora Ct, Silver Spring, Md.	118 B	_____
FITE, Warner, II	U.S. Public Health Service Hospital, Carville, La.	Day	_____
	Local: 1 College Circle, Haverford, Pa.		
FLACCUS, Jonathan	123 Waverly Pl, New York, N. Y.	105 B	_____
FLANDERS, Steven	5618 S. Kimbark Av, Chicago 37, Ill.	310 B	_____
FORBES, J. Dexter	326 W. Collings Av, Collingswood 7, N.J.	5 Le	_____
FORMAN, Lawrence T.	"Lombardy Orchard", Easton, Md.	41 L1	<u>9-2606</u>
FORSTER, Norman H.	1637 Madison St., N.W., Washington 11, D.C.	32 L1	<u>9-3305</u>
FOSHAY, John M.	822 Martin Av, Bryn Mawr, Pa.	Day	_____
FOWLER, Albert W.	114 Petrie Av, Rosemont, Pa.	208 B	_____
FOWLER, Booth R.	672 Orchard Pkwy, Niagara Falls, N. Y.	317 B	_____
FOX, John D.	418 Hector Av, Metairie, La.	317 B	_____
FOX, Peter D.	25, Route De Malagnou, Geneva, Switzerland	207 B	<u>2-5785</u>
FREEDBERG, Richard G.	59 Rowena Rd, Newton Centre, 59, Mass.	82 L1	<u>9-3351</u>
FREEMAN, George W.	176 Friendship Rd, Drexel Hill, Pa.	318 B	_____
FREILICH, William B.	1727 Academy La, Havertown, Pa.	Day	_____
FUGES, Christopher L.	814 Carpenter La, Germantown, Pa.	316 B	_____
FULKERSON, Joseph G.	69 Power St, Providence, R. I.	102 B	_____
FULLARD, William G., Jr.	554 Sherwood Pkwy, Westfield, N. J.	73 L1	<u>2-8021</u>
FURSTENBERG, Frank F., Jr.	1918 Chelsea Rd, Baltimore 16, Md.	211 B	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
GAETJENS, David L.	2480 Newbury Dr, Cleveland Heights 18, Ohio	304 B	_____
GAGE, Vance A.	Anderson School, Staatsburg, N. Y.	216 B	_____
GARRETT, Peter K.	2225 Stine Rd, Peninsula, Ohio	10 FH	_____
GASS, Darwin X., II	933 Mayberry Rd, Gulph Mills, Conshohocken, Pa. Mailing Address: Box 63, King of Prussia, Pa.	Day	_____
GEORGE, Jonathan C.	224 Sherbourne Rd, Syracuse, N. Y.	204 B	<u>9-9978</u>
GERDINE, Philip V.	4324 Shenandoah Av, Dallas 5, Texas	55 L1	<u>2-8067</u>
GIBSON, George A.	E. Main St, Mendham, N. J.	82 L1	<u>9-3351</u>
GILLMOR, Richard P.	Brierwood Rd, Broomall, Pa.	52 L1	_____
GLEASON, Paul C.	6 Blackstone Ter, Newton, Mass.	119 B	_____
GOGGIN, M. Gregory	Washington Corner Rd, Mendham, N. J.	104A Le	_____
GOGGIN, Malcolm L.	Washington Corner Rd, Mendham, N. J.	94 L1	_____
GOODMAN, Oscar B.	717 Bryn Mawr Av, Penn Valley, Pa.	34 L1	_____
GOULD, John W.	Grasslands, Valhalla, N. Y.	91 L1	_____
GRAMBS, David L.	206 Renshaw Av, East Orange, N. J.	223 F	_____
GRAY, Harold S.	739 Harvard Av, Claremont, Cal.	31 L1	<u>9-3305</u>
GREEN, Alexander A.	274 Wilson St, Carlisle, Pa.	102C Le	_____
GREEN, Willard P.	4547 River Rd, Toledo 14, Ohio	103B Le	<u>9-1846</u>
GRESIMER, John D., II	W. Creek Rd, Emporium, Pa.	2 Le	_____
GRIFFITH, Lawrence S.	1941 Parkside Dr, N.W., Washington 12, D.C.	103D Le	<u>9-1846</u>

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
GRIFFITH, Martin G.	6 N. Fredericksburg Av, Margate, N. J.	81 L1	_____
GROSE, William R., II	308 22nd St., S.E., Charleston 4, W. Va.	72 L1	<u>2-9312</u>
GROVES, Roger L.	467 Lincoln Av, Apt. 102A, Orange, N. J.	4 FH	_____
GUCKER, Alexander L., Jr.	24 Orchard St, Belmont 78, Mass.	409 B	_____
GWATKIN, Davidson R.	69 Cliff Dr, Columbia, Mo.	204 B	<u>9-9978</u>
HAMPDEN, Michael D.	Oakdale Apts, Oakdale Manor, Suffern, N. Y.	313 B	_____
HANSON, David P.	3 Atlantic St, Santurce, Puerto Rico	23 WH	_____
HARTMAN, Mark L.	8400 S. Kimbark Av, Chicago 19, Ill	31 YH	<u>9-3927</u>
HARVEY, Frank L., III	Drakestown Rd, Hackettstown, N. J.	56 L1	<u>2-8315</u>
HARVEY, Robert P.	532 Avonwood Rd, Haverford, Pa.	92 L1	_____
HATCH, Edward L.	722 Fourth St, Jackson, Michigan	74 L1	<u>9-2787</u>
HAURI, Theodor M.	8390 S.W. 134 St, Miami, Fla.	120 B	_____
HAWORTH, Gary N.	312-28 St. Dr, S.E., Cedar Rapids, Iowa	42 L1	<u>9-2606</u>
HAYMOND, Robert M.	61 Norwood Rd, W. Hartford, Conn.	113 B	_____
HAYTER, John B.	133C Dumbarton Rd, Baltimore 12, Md.	33 L1	<u>9-9491</u>
HECHT, Jeffrey K.	4 Collamore Ter, West Orange, N. J.	104D Le	_____
HEILMAN, John D.	RD 1, Freeport, Pa.	14 L1	_____
HEIMAN, Elliott M.	1412 Surrey Lane, Overbrook Hills, Phila 31, Pa.	202B Le	<u>2-6030</u>
HELSINGER, Howard M.	124 W. 79th St, New York 24, N. Y.	35 SH	_____
HEMMINGWAY, David H.	229 Roger Williams Av, Highland Park, Ill.	31 YH	<u>9-3927</u>

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
HENDERSON, Thomas A.	Paullina, Iowa	61 L1	<u>2-8649</u>
HETZEL, Henry T.	768 College Av, Haverford, Pa.	Day	_____
HEYDEBRECK, Manfred	Luebeck, Germany Laemmerstieg 1	21 Le	_____
HILLIER, R. David	406 S. Twelfth, Laramie, Wyo.	81 L1	_____
HIRST, John A.	3 Floral Dr, Hastings-on-Hudson, N.Y.	62 L1	_____
HODBAUGH, R. Lee	1068 Woodbury Rd, New Kensington, Pa.	54 L1	_____
HODGE, Paul M.	Norristown Rd, Maple Glen, Pa.	81 L1	_____
HOEN, Theodorus N.	9 Tortellaan, The Hague, the Netherlands Local: 459 Montgomery Av, Haverford, Pa.	11 L1	<u>2-9076</u>
HOFFMANN, Erik P.	612 W. 112th St, New York 25, N. Y.	410 B	_____
HOLLANDER, Edward S.	2501 Talbot Rd, Baltimore 16, Md.	319 B	_____
HOLLANDER, Sidney	2425 Chain Bridge Rd, Washington 16, D.C.	319 B	_____
HOLSOE, Svend E.	American Embassy, Monrovia, Liberia, West Africa	71 L1	<u>2-9312</u>
HOLTZMAN, Garry L.	97 Shell St, Progress, Harrisburg, Pa.	318 B	_____
HOOPES, James B.	830 The Terrace, Hagerstown, Md.	9 FH	_____
HORAN, David E.	46 Country Club Rd, Melrose, Mass. Local: 20 Montgomery Av, Ardmore, Pa.	Day	_____
HORNBAKER, John H.	1117 Oak Hill Av, Hagerstown, Md.	205 B	_____
HORWITZ, Henry G.	410 N. McKean St, Butler, Pa. Local: 833 Buck La, Haverford, Pa.	Day	<u>9-3412</u>
HOUSTON, William A.	300 S. Lexington Av, Pittsburgh 8, Pa.	51 L1	<u>2-9307</u>
HOWARD, Peter B.	204 52nd St, Virginia Beach, Va.	301 B.	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
HOWARD, Wm. James	807 Talcott Cir., Marietta, Ga.	93 L1	<u>2-8925</u>
HURFORD, John B.	79 Spring Av, Broomall, Pa.	92 L1	_____
HYATT, Garry	Alnwick Rd, Bryn Athyn, Pa.	26 Le	_____
JACKSON, Richard	205 W. 42nd St, Erie, Pa.	203C Le	<u>2-8459</u>
JENKINS, Harold D.	400 S. 45th St, Phila 4, Pa.	216 B	_____
JENKS, Robert H.	6910 Ridgewood Av, Chevy Chase, 15, Md.	103 B	_____
JERNQUIST, Peter B.	21 Homeland St, Johnston 9, R. I.	14 L1	_____
JOHNSON, Alan E.	2325 Barcelona Rd, Schenectady 9, N. Y.	7 Le	<u>9-1346</u>
JOHNSON, Allen D.	Rt. #5, Box 213, Evansville, Ind.	307 B	_____
JOHNSON, Myles A.	28 Albert Pl, New Rochelle, N. Y.	Day	_____
	Local: 435 Williamson Rd, Gladwyne, Pa.		
JOHNSON, Stephen C.	132 Golf View Rd, Ardmore, Pa.	Day	_____
JONES, Stark G.	303 School St, Clark's Summit, Pa.	74 L1	<u>9-2787</u>
JONES, William W.	401 N. Dellrose, Wichita, Kansas	Day	_____
	Local: 501 Oakley Rd, Haverford, Pa.		
KABACK, Michael M.	8401 Germantown Av, Phila 18, Pa.	24 L1	<u>9-2173</u>
KAEGI, Walter E., Jr.	1221 Bates Court, Louisville 4, Ky.	73 L1	<u>2-8021</u>
KAIN, David H.	564 Sunset Rd, Louisville 6, Ky.	201B Le	_____
KARUSH, Arnold D.	5708 Wyndale Av, Phila 31, Pa.	Day	Mohawk <u>4-1599</u>
KATOWITZ, James A.	70 Scheerer Av, Newark, N. J.	202A Le	<u>2-6030</u>
KAUFMAN, Malcolm E.	171 S. Franklin St, Wilkes-Barre, Pa.	63 L1	<u>2-5649</u>
KELLMAN, Peter A.	9 Bank Street, New York 14, N. Y.	313 B	_____
KELLY, Charles R.	15 Preston Dr, Barrington, R. I.	82 L1	<u>9-3351</u>

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
KIMMICH, Christoph M.	Miller Rd, Phoenixville, Pa.	91 Ll	_____
KITTNER, Philip J.	6166 N. 17th St, Phila 41, Pa.	24 Ll	<u>9-2173</u>
KLEIN, David L.	121 Holmes Av, Hartsdale, N. Y.	9 FH	_____
KLINEBERG, Stephen L.	44 Ogden Rd, Scarsdale, N. Y.	308 B	<u>9-3717</u>
KLINGENMAIER, C. Herman	479 Country Club Rd, York, Pa.	93 Ll	<u>2-8925</u>
KLINGER, Forrest E., Jr.	540 Belmont Av, Southampton, Pa.	115 B	_____
KNIGHT, Donald D.	410 Ridge Rd, Middletown, Conn.	36 SH	_____
KNOX, Hugh W.	45 Parkside Ter, Meriden, Conn.	105 B	<u>9-3662</u>
KOHN, Michael H.	410 W. Surf St, Chicago 14, Ill.	222 F	<u>2-9736</u>
KOVACSICS, Gyula	c/o Dr. A. Csapo, M.B.L., Woods Hole, Mass.	27 SH	_____
KRAMER, H. Richard	1440 Devereaux Av, Phila, Pa.	303 B	_____
KRIEL, Robert L.	113-B St. Dunstons Rd, Baltimore 12, Md.	101D Le	_____
KRONE, Philip S.	2500 B Birchwood St, Chicago 45, Ill.	309 B	_____
LANE, Peter O.	120 Kingwood Park, Poughkeepsie, N. Y.	214 B	<u>2-9847</u>
LARSON, Jeffry K.	542 E. 31st Av, N. Kansas City, Mo.	25 SH	_____
LARY, Nikita M.	1604 44th St, N.W., Washington 7, D.C.	7 FH	<u>2-7848</u>
LAUVE, Donald L.	920 Railroad Av, Bryn Mawr, Pa.	Day	_____
LEDERER, Richard H.	222 Rittenhouse Sq, Apt 810, Phila 3, Pa.	10 Le	_____
LEE, James O.	252 E. Durard Rd, Phila 19, Pa.	23 Le	<u>9-0518</u>
LEESER, Harry M.	339 Lemonte St, Phila 28, Pa.	Day	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
LEHFELDT, Martin C.	610 W. Judson Av, Youngstown 11, Ohio	61 L1	<u>2-8649</u>
L'ETOILE, Barry M.	24 Somerset Rd, Lexington, 73, Mass.	116 B	_____
LEVIN, Gerald	150 Trent Rd, Overbrook Hills, Pa.	63 L1	<u>2-5649</u>
LEWIS, Timothy	Western Run Rd, Cokeysville, Md.	13 L1	<u>9-3161</u>
LIECHTY, Gordon A.	819 Montgomery Av, Bryn Mawr, Pa.	Day	_____
LIGUORI, Victor A.	1516 Sheffield La, Phila 31, Pa.	Day	_____
LINDEMAN, William H.	227 E. Third St, Waynesboro, Pa.	5B FH	_____
LINTHICUM, Alexander	110 S. Washington St, Rockville, Md.	91 L1	_____
LINVILLE, Robert W.	306 Sleepy Hollow Rd, Falls Church, Va.	117 B	_____
LIPPARD, Stephen J.	1190 Beechwood Blvd., Pittsburgh 6, Pa.	210 B	_____
LIPTON, Charles S.	6134 Loretto Av, Phila 49, Pa.	321 F	_____
LOCKEY, Richard F.	1911 Millersville Pike, Lancaster, Pa.	52 L1	<u>9-3113</u>
LONG, Anthony B.	2110 Meadowview Dr, Baltimore 7, Md.	23 YH	<u>9-3927</u>
LONG, Robert L.	243 Colket La, Wayne, Pa.	Day	_____
LongBOTHAM, E. Morgan, Jr.	113 Hillside Av, Glen Ridge, N. J.	311 B	<u>2-6943</u>
LONGSTRETH, William M.	917 Merion Square Rd, Gladwyne, Pa.	Day	_____
LOWENTHAL, Joel R.	1229 Knox Rd, Wynnewood, Pa.	202D Le	<u>2-6030</u>
LUNDT, Peter A.	519 S. Second St, Elkhart, Ind.	203 B	_____
LYMAN, Frank T.	7104 Exeter Rd, Bethesda 14, Md.	64 L1	<u>2-8368</u>
LYNN, Robert W.	2935 Northampton St, N.W., Washington 15, D.C.	10 FH	_____
MacBRIDE, James R.	9423 Meadowbrook Av, Phila 18, Pa.	22 L1	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
MacLEOD, Kenneth A., Jr.	20 Standish St, Springfield, Mass.	108 B	<u>2-6736</u>
MACORT, John G.	473 Oriole St, Phila, Pa.	56 Ll	<u>2-8315</u>
MAMANA, Joseph M.	Bushkill Dr, RD #2, Easton, Pa.	24 Ll	<u>9-2173</u>
MANDELL, Jon M.	221 W. Gibbons St, Linden, N. J.	306 B	<u>9-3717</u>
MARGIE, Robert P.	24 Philadelphia Av, W. Pittston, Pa.	83 Ll	<u>2-5625</u>
MARSDEN, George M.	460 N. Union St, Middletown, Pa.	8 Le	_____
MARTIN, Robert L.	209 Sturgis Av, Cincinnati 17, Ohio	23 SH	_____
MATCHETT, Noel D.	Franklin Lakes Rd, Franklin Lakes, N. J.	74 Ll	<u>9-2787</u>
MATHEWS, Robert G., Jr.	2346 Brandon Rd, Columbus 21, Ohio	34 Ll	_____
MAUD, Laurence C.	7139 Lawndale St, Phila 11, Pa.	22 YH	<u>9-3927</u>
McCURDY, Glenn A.	RD 1, Pennsburg, Pa.	43 Ll	<u>2-9873</u>
McKELVEY, Donald B.	27 Hillside Way, Millburn, N. J.	Day	_____
	Local: 516 Panmure Rd, Haverford, Pa.		
McLEAN, Hugh C.	192 Mayfair Dr, Pittsburgh 28, Pa.	72 Ll	<u>2-9312</u>
McLEOD, Hugh W.	21 School St., Hatfield, Mass.	101A Le	_____
MEADE, Price C.	"Redgates," Durham, Conn.	Day	_____
	Local: 785 College Av, Haverford, Pa.		
MEARS, Preston K., Jr.	3 Williams Rd, Chatham, N. J.	409 B	_____
MECHLING, Edward A.	R.F.D. #2, King George, Va.	72 Ll	<u>2-9312</u>
MERMIN, Richard S.	1185 Park Av, New York, N. Y.	302 B	_____
MERZ, Frederick H.	51 Derwen Rd, Bala Cynwyd, Pa.	Day	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
MEYER, James I.	239 Riverside Av, Riverside, Conn.	62 L1	_____
MEYERS, N. Marshall	4000 Massachusetts Av, N.W., Washington, D.C.	14 L1	_____
MIDDLETON, J. Howard, Jr.	2714 Arthur Av, Camden 5, N. J.	305 B	_____
MILLER, J. David	300 West Court St, Doylestown, Pa.	319 F	_____
MILLER, J. Philip	623 East Ford Av, Barberton, Ohio	204D Le	<u>2-7465</u>
MILLER, Robert S.	236 Holliday Rd, Lexington, Ky.	63 L1	<u>2-5649</u>
MILLER, Stephen H.	Box 133, Hiram, Ohio	208 B	_____
MITCHELL, David W.	Box #322, RFD #1, Yorktown Heights, N. Y.	62 L1	_____
MORGAN, David W.	65 University Av, Hamilton, N. Y.	44 L1	<u>2-9873</u>
MORGAN, Kenneth S.	65 University Av, Hamilton, N. Y.	118 B	_____
MORRIS, James H.	2574 Fairmount Blvd., Cleveland Heights 6, Ohio	102A Le	_____
MOYES, James R.	394 Bonnie Brae Av, Rochester 18, N. Y.	28 Le	<u>2-7548</u>
MULLER, Werner E., Jr.	1535 Winding Rd, Southampton, Pa.	43 L1	<u>2-9873</u>
MURRAY, Wallace A.	1421 Greywall La, Phila 31, Pa.	Day	_____
MUSGROVE, Philip A.	55 Calumet Av, Hastings-on-Hudson, N. Y.	220 B	_____
NAKAYAMA, Ken	122 Coover St., Leonia, N. J.	315 B	_____
NATELSON, Ethan A.	136 Lawn Pl, Rockford, Ill.	219 B	_____
NEWCOMB, Benjamin H.	120 Glen Lake Av, Pitman, N. J.	12 L1	<u>2-8611</u>
NORRIS, Paul E. H.	2000 W. 54th St at Morgan, Minneapolis 19, Minnesota	217 F	<u>2-8974</u>

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
OGDEN, Hugh S.	1937 South Shore Dr, Erie, Pa.	204B Le	_____
OLSEN, Gary K.	116 E. Spruce St, Titusville, Pa.	93 Ll	<u>2-8925</u>
ORTMAN, Robert A.	3905 State Rd, Apt B, Drexel Hill, Pa.	Day	_____
OSGOOD, Charles F.	5506 5th Av, Apt 211, Pittsburgh 32, Pa.	21 SH	_____
PACKARD, Timothy	1326 Asbury Av, Evanston, Ill.	24 YH	<u>9-3927</u>
PARKER, George G. C.	1605 Perkins Dr, Arcadia, Cal.	94 Ll	_____
PARKER, Richard B.	2790 Tulip Av, Baldwin, N. Y.	62 Ll	_____
PARKER, Robert M.	2 Davis Rd, Port Washington, N. Y.	214 B	<u>2-9847</u>
PARKER, William E.	102 Endicott La, Oak Ridge, Tenn.	305 B	_____
PASKOW, Alan K.	1049 Coolidge Rd, Elizabeth, N. J.	33 Ll	<u>9-9491</u>
PATRICK, Richard	1860 Hunt Av, Bronx 62, N. Y.	31 SH	_____
PECK, N. Tenney	181 Windsor Rd, Waban 68, Mass.	203A Le	<u>2-8459</u>
PELOUZE, H. Pierce, III	704 W. Crystal Lake Av, Haddonfield, N. J.	92 Ll	_____
PENDLETON, James N.	411 Hartford St, Westwood, Mass.	21 Ll	<u>9-2227</u>
PENN, Richard D.	1225 E. 56th St, Chicago 37, Ill.	310 B	_____
PEPPER, William, Jr.	2 Crickett Av, Ardmore, Pa.	Day	_____
PETRASKE, Alan R.	14 Cushing Av, Nashua, N. H.	119 B	_____
PETRUS, Val M.	25 E. 62 St, Kansas City 13, Mo.	24 SH	<u>2-8924</u>
PHILLIPS, Henry A.	111 High St, Exeter, N. H.	8 FH	<u>2-8474</u>
PHILLIPS, Michael H.	Tohickon Creek Farm, Ottsville, Pa. Local: 728 College Av, Haverford, Pa.	Day	<u>9-3913</u>
PIERSON, Daniel H.	Cranberry Weir, Sloatsburg, N. Y.	34 Ll	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
PILBROW, David W.	128 Kingwood Park, Poughkeepsie, N. Y.	208 B	_____
PINEDO, Victor, Jr.	Trompetbloemweg 25, Curacao, Netherlands Antilles	215 B	_____
PORTER, Robert R., Jr.	117 Center St, Fayetteville, N. Y. Local: 4 College Av, Haverford, Pa.	Day	_____
POTTER, David	816 S. 47th St, Phila 43, Pa. . . . Local: Devereux Hall, Berwyn, Pa.	Day	_____
PURSEL, Chas. B.	29 W. 4th St, Bloomsburg, Pa.	104C Le	_____
PUTNAM, Kendrick W.	Lyme, N. H.	31 L1	<u>9-3305</u>
QUINTER, Ralph D.	4920 Battery La, Bethesda, Md.	53 L1	<u>9-3113</u>
RACHLINE, Jean-Claude	2 Bld Sachet, Paris 16, France	5A FH	_____
RAMEY, J. Allen	18 Grandview Av, West Orange, N. J.	84 L1	<u>2-5625</u>
RAMSEYER, Stephen F.	2 Putnam Hill, Greenwich, Conn.	55 L1	<u>2-8067</u>
RAYMOND, Geoffrey H.	331 Essex Rd, Kenilworth, Ill.	212 B	<u>2-9845</u>
READ, William C.	96 N. Grandview Av, Dubuque, Iowa	201 B	<u>9-9978</u>
REINER, Edward	208 Farwood Rd, Carroll Park, Phila 31, Pa.	Day	_____
RHOADS, David G.	800 Beaver Valley Rd, Wilmington 3, Del.	83 L1	<u>2-5625</u>
RHOADS, George G.	131 W. Walnut La, Phila 44, Pa.	71 L1	<u>2-9312</u>
RHOADS, Jonathan E., Jr.	131 W. Walnut La, Phila 44, Pa.	13 L1	<u>9-3161</u>
RICE, Emery vD.	Rockbottom Lodge, Meredith, N. H.	73 L1	<u>2-8021</u>
RIGNALL, Raymond H.	U.S.O.M. c/o U.S. Embassy, Guatemala, Central America	101B Le	_____
RITTER, Eugene K., Jr.	5905 Greenbrier Rd, North-East Atlanta 5, Georgia	206 B	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
RIVERS, David B.	49 S. Franklin St, Wilkes-Barre, Pa.	203D Le	<u>2-8459</u>
ROBERTS, Charles C.	165 Lismore Av, Glenside, Pa.	222 B	_____
ROBINSON, Charles R.	R.D. Box 77, Avondale, Pa.	413 B	_____
ROBINSON, Theodore A.	209 Fairlamb Rd, Havertown, Pa.	Day	_____
RODELL, Michael	Falls Rd, Bethany, Conn.	107 B	<u>2-6736</u>
ROEVER, Frederick H.	4907 Catherine St, Phila 43, Pa.	Day	_____
ROGERS, Joseph E., Jr.	310 W. Second St, Moorestown, N. J.	44 Ll	<u>2-9873</u>
ROGERSON, Allen C.	3803 Beech Av, Baltimore 11, Md.	117 B	_____
RONDTHALER, David L.	28 Nordica Dr, Croton-on-Hudson, N. Y.	84 Ll	<u>2-5625</u>
ROSENBAUM, David H.	3240 W. School House La, Phila 44, Pa.	322 F	_____
ROWER, Kenneth M.	11 Maplewood Av, Newton Center 59, Mass.	303 B	_____
RUSSELL, Gregory R.	32 E. Rogers Av, Merchantville 8, N. J.	12 Ll	<u>2-8611</u>
SAH, Benn C.	2821 Taraval St, San Francisco 16, Cal.	108 B	<u>2-6736</u>
SAINT, Harry F.	84 Perry St, New York 14, N. Y.	113 B	_____
SALISBURY, Roger E.	1314 Sussex Rd, Wynnewood, Pa.	Day	_____
SANFORD, Frederic G.	565 Grampian Blvd, Williamsport, Pa.	210 B	_____
SCARBOROUGH, Donald A.	423 E. Durham St, Phila 19, Pa.	103C Le	<u>9-1846</u>
SCHAMBELAN, Howard L.	Garden Court Apts, 47th & Pine Sts, Phila 43, Pa.	31 Ll	_____
SCHEAR, Richard D.	610 W. Siebenthaler Av, Dayton, Ohio	220 F	_____
SCHLEIN, Melvin R.	724 Pennington St, Elizabeth, N. J.	316 F	_____
SCHOLL, Donald B.	1 Darien Rd, New Canaan, Conn.	Day	_____
	Local: 415 Lancaster Av, Haverford, Pa.		

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
SCHRAMM, Lawrence P.	724 Price St, West Chester, Pa.	11 L1	<u>2-9076</u>
SCHULZE, Frederick C.	326 Forest Av, Ambler, Pa.	44 L1	<u>2-9873</u>
SCHUMPERT, Osborne L.	7 Jackson Blvd, Terre Haute, Indiana	54 L1	_____
SCHUTZ, John H.	2116 16th St, Columbus Nebr.	108 B	<u>2-6736</u>
SCOTT, Leighton R.	329 Clinton Ter, Easton, Pa.	323 F	_____
SEDWICK, W. David	1019 Conewango Av, Warren, Pa.	109 B	_____
SEGAL, Don M.	7010 Greene St, Phila 19, Pa.	Day	_____
SHAFFER, Stephen J.	73 Academy Rd, Bala-Cynwyd, Pa.	308 B	<u>9-3717</u>
SHAPIRO, Stephen S.	14 Beverly Rd, West Orange, N. J.	21 YH	<u>9-3927</u>
SHARP, Alexander	880 Highland Rd, Ithaca, N. Y.	322 F	_____
SHAW, Frederick H.	3824 Farragut Rd, Brooklyn 10, N. Y.	25 Le	_____
SHEITELMAN, A. Lewis	1430 N. Franklin St, Phila, Pa.	31 L1	<u>9-3305</u>
SHELDON, Timothy M.	Tophill Farm, Devon Rd, Lee, Mass.	320 F	_____
SHELTON, Frank W.	210 West Washington, Kennett, Mo.	209 B	_____
SHEPHERD, John E., Jr.	261 Washington Av, Chatham, N. J.	12 L1	<u>2-8611</u>
SHERK, Larry W.	Williamsburg, Mass.	33 SH	_____
SHILLOCK, John C.	9 Leland Court, Chevy Chase, Md.	34 WH	_____
SHIVERS, David	Sewell, N. J.	51 L1	<u>2-9307</u>
SHOWE, Michael K.	133 Bryon Rd, Pittsburgh 9, Pa.	6 FH	<u>2-8996</u>
SILVERBLATT, Edward R.	5078 Fifth Av, Pittsburgh 32, Pa.	211 B	<u>9-2820</u>
SMILLIE, James B.	1309 S. Divinity St, Phila, Pa.	32 L1	<u>9-3305</u>
SMITH, Jere P.	305 Tohickon Av, Quakertown, Pa.	213 B	<u>2-9847</u>

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
SMITH, John K.	305 Tohickon Av, Quakertown, Pa.	102B Le	_____
SMITH, Jonathan Z.	320 W. 86th St, New York 24, N. Y.	122 B	_____
SMITH, Lewis F.	4792 Ottawa Av, Riverside, Cal.	94 L1	_____
SNIDER, Donald L.	2785 Norton Rd, RD #1, Kent, Ohio	105 B	<u>9-3662</u>
SLOUDERS, Thomas B.	1320 E. Wyomissing Blvd, Reading, Pa.	32 L1	<u>9-3305</u>
SPANGLER, George M.	233 Lincoln Way East, New Oxford, Pa.	29 Le	<u>2-7548</u>
SPEAKMAN, William H., 3rd	121 Fairview Av, Hatboro, Pa.	202 B	<u>9-2354</u>
SPEER, Brownlow M.	1305 Singer Pl, Pittsburgh 21, Pa.	63 L1	<u>2-5649</u>
SPIEGEL, Adam	10 Channing Pl, Cambridge, Mass.	120 B	_____
STAFFORD, Craig F.	676 Hollow Tree Ridge Rd, Darien, Conn.	307 B	_____
STANLEY, Matthew W., Jr.	149 North Drive, Pittsburgh 38, Pa.	218 B	_____
STEIGMAN, William F.	30 Overbrook Pkwy, Phila 31, Pa.	Day	_____
STEIN, George H., Jr.	2407 Valley Rd, Bellevue Pk, Harrisburg, Pa.	23 L1	<u>9-3353</u>
STERNBERGH, D. Dexter	RD 3, York, Pa.	111 B	_____
STEVENSON, Karl W.	3116 Forty-third St, Lubbock, Texas	305 B	<u>9-3927</u>
STEVENSON, Leland E., Jr.	5101 39th St., N.W., Washington 16, D.C.	32 YH	_____
STEWART, Palmer G.	426 Indian Rock Rd, Vista, Cal.	322 B	_____
STIFLER, Andrew T. C.	13 Cypress La, Berwyn, Pa.	52 L1	<u>9-3113</u>
STOKES, Francis J., III	1012 Westview St, Phila 19, Pa.	71 L1	<u>2-9312</u>
STONE, Donald A.	515 N.E. 82nd St, Miami, Fla.	101C Le	_____
STONE, John W.	815 Maple Rd, Charleston 2, W. Va.	201C Le	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
STONE, Richard W.	7402 Glenbrook Rd, Bethesda 14, Md.	61 L1	<u>2-8649</u>
STRICKLER, Matthew M.	760 Mill Creek Rd, Gladwyne, Pa.	107 B	<u>2-6736</u>
SULLIVAN, R. Clark	50 Beechmont Av, Bronxville, N. Y.	104 B	_____
SUMMERS, Dudley W.	37 Headley Pl, Maplewood, N. J.	320 B	_____
SWAN, Fred C.	Westtown School, Westtown, Pa.	21 L1	<u>9-2227</u>
SWIFT, John K.	30 Cornell Rd, West Hartford, Conn	22 L1	_____
TAI, George M.	Jericho Mountain Orchards, New Hope, Pa.	318 B	_____
TANNENBAUM, Robert S.	6 Lincoln Place, New Paltz, N. Y.	104 B	_____
TATNALL, Samuel M. V.	P.O. Box 4034, Phila 18, Pa.	22 L1	_____
TAYLOR, Harold E.	Taylor La, Riverton, N. J.	411 B	_____
TAYLOR, Hollinshead N., III	Pipersville, Bucks Co., Pa.	35 WH	<u>2-8882</u>
TAYLOR, William G.	Box875, Tryon, N. C.	Day	_____
TEEM, Martin V.	Local: 617 New Gulph Rd, Bryn Mawr, Pa.	102D Le	_____
TEITELBAUM, Richard L.	601 Whitlock Av, Marietta, Ga.	34 YH	<u>9-3927</u>
THOMPSON, Mark E.	44 W. 77th St, New York, N. Y.	23 L1	<u>9-3353</u>
THORNE, Charles G., Jr.	730 Center Av, Avalon, Pittsburgh 2, Pa.	22 Le	_____
TILLIS, Alan C.	370 E. Chestnut St, Coatesville, Pa.	4 FH	_____
TOBIAS, Joel A.	67 S. Munn Av, East Orange, N. J.	27 Le	_____
TOWLE, John C.	413 Pembroke Rd, Cynwyd, Pa.	304 B	_____
TRABERT, Ken K.	5 Park La, Attleboro Falls, Mass.	31 L1	<u>9-3305</u>
TUBIS, Stuart H.	1414 W. Wynnewood Rd, Ardmore, Pa.	1 Le	_____
	1017 Haral Pl, Haddonfield, N. J.		

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
TURNER, Daniel S.	U.S. Consulate General, Bombay, India	316 B	_____
UNGERLEIDER, James S.	933 Salem Av, Dayton, Ohio	93 Ll	<u>2-8925</u>
VanALPHEN, Robert J.	Juan de Garay 1542, Martinez, Buenos Aires, Argentina	26 SH	_____
VanCLEAVE, Richard M.	Old Westport Rd (#8211), Louisville 7, Ky.	215 B	_____
VanDENBERGH, Ross	8750 Montgomery Av, Phila 18, Pa.	215 B	_____
VanDUSEN, Derek B.	606 W. 122nd St, New York 27, N. Y.	24 Le	_____
VASTINE, J. Robert	901 N. Orange St, Shamokin, Pa.	313 F	_____
VAUX, Henry J.	622 San Luis Rd, Berkeley, Cal.	414 B	_____
VERNON, Steven K.	1226 Knox Rd, Wynnewood, Pa.	33 Ll	<u>9-9491</u>
WADDELL, Lucian Armistead, Jr.	144 Etra Rd, Hightstown, N. J.	116 B	_____
WAITE, Stephen V. F.	42 Middlebrook Rd, West Hartford 7, Conn.	315 B	_____
WALKER, David J.	94 Hudson St, S., Glens Falls, N. Y.	32 SH	_____
WALLING, William E.	2130 Middle Fork Rd, Northfield, Ill	221 F	<u>2-8974</u>
WARFIELD, Robert B.	1630 Ashwood Dr, Lexington, Ky.	315 B	_____
WATKINS, Charles B.	5843 Forward Av, Pittsburgh, Pa.	413 B	_____
WEDNER, Marc R.	5436 Northumberland St, Pittsburgh 17, Pa.	222 F	<u>2-9736</u>
WEIDMAN, Robert O.	2956 Upper Tangelo Dr, South Gate, Sarasota, Fla.	64 Ll	<u>2-8368</u>
WEIL, Michael R.	2929 Paxton Rd, Shaker Heights 20, Ohio	23 Ll	<u>9-3353</u>

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
WENZEL, Richard P.	515 E. Willow Grove Av, Wyndmoor, Phila 18, Pa.	91 L1	_____
WEST, William N.	141 Gray's La, Haverford, Pa.	202C Le	<u>2-6030</u>
WEYAND, James G. M.	900 River Rd, Beaver, Pa.	218 B	_____
WHITE, Elijah B., III	Leesburg, Va.	325 F	_____
WICHURA, Michael J.	765 Broadway, Hastings-on-Hudson, N. Y.	220 B	_____
WILKERSON, Hugh L.	3 Meadowbrook Rd, Needham, Mass. Local: 4 College La, Haverford, Pa.	Day	_____
WILLIAMS, John G.	St. George St, Millbrook P.O., Duxbury, Mass.	106 B	<u>9-3662</u>
WILLIAMS, John S., Jr.	20 W. Chestnut Hill Av, Phila 18, Pa.	414 B	_____
WILLIS, Thayer	9 Bettswood Rd, Norwalk, Conn. Local: 833 Buck La, Haverford, Pa.	Day	_____
WILLS, John H., Jr.	6907 Henley St, Phila 19, Pa.	Day	_____
WING, Nat	Peaceable St, Georgetown, Conn.	3 Le	_____
WOLDORF, Norman M.	1002 Duncan Av, Yeadon, Pa.	33 YH	<u>9-3927</u>
WOLF, Edwin D.	9189 Germantown Av, Phila 18, Pa. 414 Berkley Rd, Haverford, Pa.	Day	_____
WOLFINGER, Howard L., Jr.	261 Apple Dr, Greencastle, Pa.	205 B	_____
WRIGHT, Arthur	49 Ferguson Av, Broomall, Pa.	84 L1	<u>2-5625</u>
WRIGHT, Ralph T.	406 Seminole Dr, Erie, Pa.	41 L1	<u>9-2606</u>
YAMADA, Ryuzo	976 Yoyogi-Nishinaracho Shibuyaku, Tokyo, Japan	73 L1	<u>2-8021</u>
YEARLEY, Lee H.	3128 Warrington Rd, Shaker Heights 20, Ohio	115 B	_____

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>	<u>Private Phone</u>
YOUNG, Frank H.	38 Hawthorne Av, Princeton, N.J.	207 B	<u>2-5785</u>
ZAPF, S. Erik	517 Lanfair Rd, Melrose Park, Pa.	64 LL	<u>2-8368</u>
ZIEGENFUSS, Jay F., Jr.	Spring & Rydal Rd, Jenkintown, Pa.	207 B	<u>2-5785</u>
ZOBIAN, Edward J.	5472 Baltimore Av, Phila 43, Pa.	Day	_____

Students arranged by Class in which they are
enrolled during the first semester of 1958-1959.

FRESHMAN CLASS

Adams, Donald W.	Gwatkin, Davidson R.
Akashi, Norio	Hampden, Michael D.
Allendoerfer, Robert D.	Hartman, Mark L.
Aronoff, Michael S.	Hauri, Theodor M.
Atchison, D. Alan	Haymond, Robert M.
Baehr, Joel Donovan	Hemmingway, David H.
Baldwin, Malcolm F.	Hirst, John A.
Barber, G. Putnam	Hollander, Edward S.
Barlow, Thomas J., III	Hollander, Sidney
Bertolet, John C.	Holtzman, Garry L.
Blair, John F., Jr.	Hoopes, James B.
Blauvelt, Gerritt H.	Jenkins, Harold D.
Block, James A.	Jenks, Robert H.
Bower, John R.	Johnson, Allan D.
Burgin, James M.	Kellman, Peter A.
Callan, Curtis G., Jr.	Klein, David L.
Cocke, C. Lewis, Jr.	Klinger, Forrest E., Jr.
Cooper, Jeffery M.	Knox, Hugh W.
Dahlberg, James E.	Kramer, H. Richard
de Luca, Robert N.	Krone, Philip S.
Deshong, Howard C., Jr.	L'Etoile, Barry M.
Doherty, Douglas R.	Linville, Robert W.
Erb, William H.	Lippard, Stephen J.
Eshleman, John D.	Long, Robert L.
Fisher, Stephen W.	Lundt, Peter A.
Flaccus, Jonathan	Lynn, Robert W.
Flanders, Steven	MacLeod, Kenneth A., Jr.
Fowler, Albert W.	Mears, Preston K., Jr.
Fowler, Booth R.	Meyer, James I.
Fox, John D.	Middleton, J. Howard, Jr.
Freeman, George W.	Miller, Stephen H.
Freilich, William B.	Mitchell, David W.
Fuges, Christopher L.	Morgan, K. Scott
Gaetjens, David L.	Musgrove, Philip A.
Gage, Vance A.	Nakayama, Ken
Garrett, Peter K.	Natelson, Ethan A.
George, Jonathan C.	Packard, Timothy A.
Gleason, Paul C.	Parker, Richard B.
Gucker, Alexander L., Jr.	Parker, William E.

Penn, Richard D.
Petraske, Alan R.
Pilbrow, David W.
Pinedo, Victor, Jr.
Robinson, Charles R.
Rodell, Michael
Roever, Frederick H.
Rogerson, Allen C.
Rower, Kenneth M.
Sah, Benn C.
Saint, Harry F.
Salisbury, Roger E.
Sanford, Frederic G.
Schutz, John H.
Sedwick, W. David
Snider, Donald L.
Spiegel, Adam
Stafford, Craig F.
Stanley, Matthew W., Jr.
Steigman, William F.

Sternbergh, D. Dexter
Stevenson, Karl W.
Strickler, Matthew Mc.
Sullivan, R. Clark
Tai, George M.
Tannebaum, Robert S.
Towle, John C.
Turner, Daniel S.
Van Cleave, Richard M.
Van Denbergh, Ross
Vaux, Henry J., Jr.
Waddell, Lucian A., Jr.
Waite, Stephen V.
Warfield, Robert B., Jr.
Watkins, Charles B.
Weyand, James G. M., Jr.
Wichura, Michael J.
Williams, John G.
Williams, John S., Jr.
Yearley, Lee H.
Zobian, Edward J.

SOPHOMORE CLASS

Abrams, Robert
Adams, Gordon W.
Adams, Jack R.
Allen, James Linn
Alving, Carl R.
Anderson, Marc B.
Andrews, E. James
Armstrong, Alan W.
Arny, Thomas T.
Baker, David R.
Bauer, Andrew F.
Beggs, Thomas A.
Behling, George R.
Belsley, David A.
Besdine, Richard W.
Boice, Edward, Jr.
Bonner, Hugh, Jr.
Book, Norman I., Jr.
Boshes, Roger A.
Bowen, David R.

Briod, Marc E.
Brooks, Stanley A., Jr.
Brown, Peter G.
Canfield, Earl L., Jr.
Challis, David J.
Craig, William A.
Cucinotta, Anthony J.
Davidson, Ian H.
Decker, Douglass A., Jr.
De Nie, Frans M.
Dent, Walter J.
di Ris, C. Owen
Dohan, Michael R.
Downs, C. B. Tertius
Edgar, William H.
Elkins, Joseph H., Jr.
Emery, Natt M. III
Fauntleroy, Carl N., Jr.
Fenander, Elliot W.
Fernsler, George L., Jr.

Forster, Norman H.	Parker, Robert M.
Fox, Peter D.	Paskow, Alan K.
Freedberg, Richard G.	Pendleton, James N.
Furstenberg, Frank F., Jr.	Pepper, William, Jr.
Gass, Darwin X., II	Petrus, Val M.
Gibson, George A.	Pierson, Daniel H.
Gillmor, Richard P.	Quinter, Ralph D., III
Goodman, Oscar B.	Ramseyer, Stephen F.
Gould, John W.	Read, William C.
Gray, Harold S.	Reiner, Edward
Griffith, Martin G.	Rhoads, George G.
Grose, William R., II	Ritter, Eugene Kerfoot, Jr.
Groves, Roger L.	Schambelan, Howard L.
Hanson, David P.	Schlein, Melvin R.
Hatch, Edward L.	Scott, Leighton R., Jr.
Heilman, J. Daniel	Shafer, Stephen J.
Helsingier, Howard M.	Shelton, Frank W.
Henderson, Thomas A.	Shillock, J. Christopher, III
Hetzal, Henry T.	Showe, Michael K.
Hoffman, Erik P.	Silverblatt, Edward R.
Holsoe, Svend E.	Smillie, James B.
Houston, William A.	Smith, Jere P.
Jernquist, Peter B.	Smith, Lewis F.
Jones, Stark G.	Souders, Thomas B.
Karush, Arnold D.	Speakman, William H., III
Kelly, C. Robert	Stein, George H., Jr.
Kimmich, Christoph M.	Stifler, Andrew T. C.
Klineberg, Stephen L.	Stokes, Francis J., III
Knight, Donald D.	Stowe, Richard W.
Kovacsics, Gyula	Swan, Frederick C.
Lane, Peter O.	Swift, John K.
Larson, Jeffry K.	Taylor, Harold E.
Lehfelddt, Martin C.	Taylor, Hollinshead N., III
Linthicum, Alexander	Thompson, Mark E.
Lockey, Richard F.	Tillis, Alan C.
MacBride, James R.	Trabert, Kenneth K.
Mandell, Jon M.	Vernon, Steven K.
Martin, Robert L.	Walker, David J.
Matchett, Noel D.	Walling, William E., Jr.
Mathews, Robert G., Jr.	Weil, Michael R.
McLean, Hugh C.	Wenzel, Richard P.
Mechling, Edward A., II	Wilkerson, Hugh L.
Meyers, N. Marshall	Wills, John W., Jr.
Ortman, Robert A.	Young, Frank H.
	Ziegenfuss, Jay F., Jr.

JUNIOR CLASS

Albright, Randall L.	Lary, Nikita M.
Alderson, Evan W.	Levin, Gerald M.
Alexander, Gregory G.	Lewis, Timothy
Allen, Russel G., Jr.	Lipton, Charles S.
Andrews, Willard E.	Longbotham, Edward M., Jr.
Arnow, Peter L.	Macort, John G., Jr.
Baker, J. Dennis	Margie, Robert P.
Bennett, Michael J., Jr.	McCurdy, Glenn A.
Blackburn, Paul P., III	McKelvey, Donald B.
Blanchard, James T.	Mermin, Richard S.
Bluestein, Richard	Miller, Robert S.
Bradley, Keith W.	Morgan, David W.
Bullard, Truman C.	Muller, Werner E., Jr.
Carlin, James F., Jr.	Murray, Wallace A., Jr.
Carpenter, George G.	Newcomb, Benjamin H.
Clark, Allen M.	Olsen, Gary K.
Coker, John W.	Osgood, Charles F.
Coles, Robert L.	Parker, George G. C.
Collett, Jonathan H.	Pelouze, H. Pierce, III
Conn, Coulson A.	Potter, David
Cornwell, Robert G.	Putnam, Kendrick W.
Dahlberg, Albert E.	Ramey, J. Allen
David, Joseph H.	Raymond, Geoffrey H.
Del Bello, Thomas M.	Rhoads, David G.
Duff, Thomas A.	Rhoads, Jonathan E., Jr.
Emlen, John M.	Roberts, Charles C.
Forman, Lawrence T.	Rogers, Joseph E., Jr.
Fulkerson, Joseph G.	Rondthaler, David L.
Gerdine, Philip V., Jr.	Rosenbaum, David H.
Goggin, Malcolm L.	Russell, Gregory R.
Harvey, Frank L., III	Schear, Richard D.
Harvey, Robert B.	Schramm, Lawrence P.
Haworth, Gary N.	Schulze, Frederick C., Jr.
Hayter, John B.	Schumpert, O. Lamar, Jr.
Hillier, R. David	Shapiro, Stephen S.
Hoen, Theodorus N.	Sharp, Alexander B.
Howard, Peter B.	Sheitelman, A. Louis
Howard, William J.	Shepherd, John E., Jr.
Hurford, John B.	Shivers, David
Jones, William W.	Smith, Jonathan Z.
Kaufman, Malcolm E.	Speer, Brownlow M.
Klingenmaier, C. Herman	Stevenson, Leland E., Jr.
Kohn, Michael H.	Summers, Dudley W.

Tatnall, Samuel M. V.
Teitelbaum, Richard L.
Ungerleider, James S.
Van Alphen, Robert J.

Wedner, Marc R.
Woldorf, Norman M.
Wright, Arthur W.
Wright, Ralph T.

SENIOR CLASS

Alexander, Henry J.
Armstrong, Peter H.
Bertolet, Frederick C.
Bingham, William R., Jr.
Bolgiano, D. Ridgely
Brewster, J. Gurdon
Brown, Edwin G.
Campbell, Bruce D.
Char, David C.
Clark, Jonathan J.
Clemson, Daniel M.
Colburn, Robert M.
Comanor, William S.
Concors, Alan J.
Cooper, James D.
Coulthurst, John
Curtis, Richard W.
Davis, Peter N.
DeJong, John G.
Dietrich, Frank S., Jr.
Dorsey, William A., III
Eidenberg, Peter J., III
Engelhardt, Hans W.
Feick, M. Mather
Fischer, Allen C.
Fite, George W.
Forbes, J. Dexter
Foshay, John M.
Fullard, William G., Jr.
Goggin, M. Gregory
Grambs, David L.
Green, Alexander A.
Green, Willard P.
Gresimer, John D., II
Griffith, Lawrence S.
Hecht, Jeffrey K.

Heiman, Elliott M.
Hobaugh, Richard L.
Hodge, Paul M.
Horan, David E.
Hornbaker, John H., Jr.
Horwitz, Henry G.
Hyatt, Garry
Jackson, Donald R.
Johnson, Alan E.
Johnson, Myles A.
Kaback, Michael M.
Kaegi, Walter E., Jr.
Kain, David H.
Katowitz, James A.
Kittner, Philip J.
Kriel, Robert L.
Lauve, Donald L.
Lederer, Richard H.
Lee, James O.
Leeser, Harry M.
Liechty, Gordon A.
Liguori, Victor A.
Lindeman, William H.
Long, Anthony B.
Longstreth, W. Morris
Lowenthal, Joel R.
Lyman, Frank T., Jr.
Mamana, Joseph M., Jr.
Marsden, George Mish
Maud, Laurence C.
McLeod, Hugh W.
Meade, Price C.
Merz, Frederick H.
Miller, John D.
Miller, J. Philip
Morris, James H.

Moyes, James R.
Norris, Paul E.
Ogden, Hugh S.
Patrick, Richard B.
Peck, Newton T., Jr.
Phillips, H. Alexander
Phillips, Michael H.
Porter, Robert R., Jr.
Pursel, Charles B.
Rice, Emery V.
Rignall, Raymond H., Jr.
Rivers, David B.
Robinson, Theodore A.
Scarborough, Donald A.
Scholl, Donald B.
Segal, Don M.
Shaw, Frederick H.
Sheldon, Timothy M.
Sherk, Larry W.
Smith, John K.

Spangler, George M., Jr.
Steward, Palmer G.
Stone, Donald A., Jr.
Stone, John W.
Taylor, William G.
Teem, Martin V.
Thorne, Charles G., Jr.
Tobias, Joel A.
Tubis, Stuart H.
Van Dusen, Derek B.
Vastine, J. Robert
Weidman, Robert O.
West, William N., IV
White, Elijah B., III
Willis, Thayer, Jr.
Wing, Nathaniel
Wolf, Edwin D.
Wolfinger, Howard L., Jr.
Zapf, Erik

SPECIAL STUDENTS

Bartine, David E.
Heydebreck, Manfred
Johnson, Stephen C.

Rachline, Jean-Claude
Yamada, R.

Administration



W. AMBLER



W. BAKER



H. BORTON



W. E. CADBURY



E. CARR



A. CASELLI



B. COOPER



B. KRATZ



W. LANDER



A. MAC INTOSH



P. MAC KINNON



M. NUGENT



C. PERRY

Faculty



M. ASENSIO



J. ASHMEAD



T. BENHAM



R. BUTMAN



H. J. CADBURY



J. CARY



J. CODDINGTON



F. COMFORT



H. COMFORT



F. DE GRAAFFE



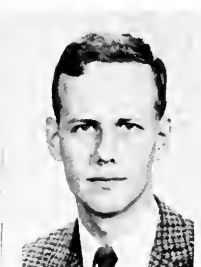
P. DESJARDINS



W. DOCHERTY



T. DRAKE



H. DUNATHAN



I. FINGER



J. FLIGHT



J. FOWLE



G. FREUND



E. GREEN



L. GREEN



M. GUTWIRTH



E. HARPER



D. HARRISON



D. HEATH



T. HETZEL



C. HOLMES



R. HORN



H. HUNTER



J. KELLY



G. KENNEDY



A. LEMONICK



J. LESTER



A. LOEWY



C. LUDINGTON



W. LYONS



W. MAC CAFFREY



C. MAC KAY



C. MAYER



C. OAKLEY



F. PARKER



H. PFUND



D. QUINN



F. QUINN



R. RANDALL



I. REID



A. ROGOW



E. ROSE



M. SANTER



R. SARGENT



A. SATTERTHWAITE



F. SELOVE



M. SHAW



P. SHEATS



J. SMITH



H. SOMERS



D. STEERE



A. SWAN



H. TEAF



R. WALTER



R. WILLIAMS



N. WILSON



R. WISNER



L. WYLIE

Students



R. ABRAMS-61



G.W. ADAMS-61



J.R. ADAMS-61



D.W. ADAMS-62



N. AKASHI-62 R.L. ALBRIGHT-60 E.W. ALDERSON-60 G. ALEXANDER-60



H.J. ALEXANDER-59 J.L. ALLEN-61 R.G. ALLEN-60 R. ALLENDOERFER-62

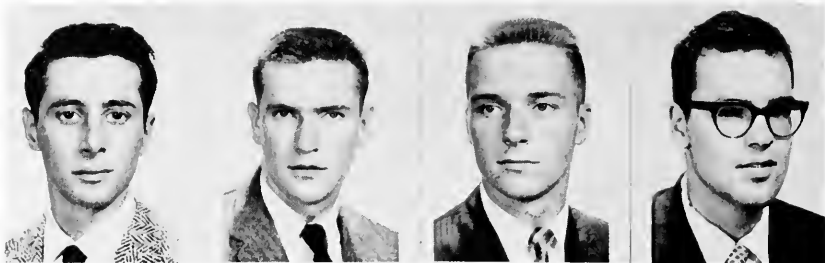


C.R. ALVING-61 M.B. ANDERSON-61 E.J. ANDREWS-61 W.E. ANDREWS-60



A.W. ARMSTRONG-61 P.H. ARMSTRONG-59 P.L. ARNOW-60

T.T. ARNY-61



M.S. ARONOFF-62 D.A. ATCHISON-62 J.D. BAEHR-62 D.R. BAKER-61



J.D. BAKER-60 M.F. BALDWIN-62 G.P. BARBER-62 T.J. BARLOW-62



D.E. BARTINE-SP. A.F. BAUER-61 T.A. BEGGS-61 G.R. BEHLING-61



D.A. BELSLEY-61 M.J. BENNETT-60 F.C. BERTOLET-59 J.C. BERTOLET-62



R.W.BESDINE-61 W.R.BINGHAM-59 P.BLACKBURN-60 J.F.BLAIR-62



J.T.BLANCHARD-60 G.H.BLAUVELT-62 J.A.BLOCK-62 R.BLUESTEIN-60



E.BOICE-61 D.R.BOLGIANO-59 H.BONNER-61 N.I.BOOK-61



R.A.BOSHES-61 D.R.BOWEN-61 J.R.BOWER-62 K.W.BRADLEY-60



J.G. BREWSTER-59 M.E. BRIND-61 S.A. BROOKS-61 E.G. BROWN-59



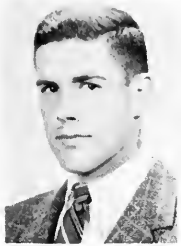
P.G. BROWN-61 T.C. BULLARD-60 J.M. BURGIN-62 C.G. CALLAN-62



B.D. CAMPBELL-59 E.L. CANFIELD-61 J.F. CARLIN-60 G.G. CARPENTER-60



D.J. CHALLIS-61 D.C. CHAR-59 A.M. CLARK-60 J.J. CLARK-59

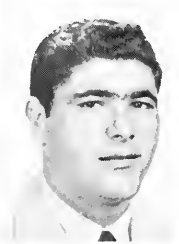


D.M. CLEMSON-59

C.L. COCKE-62

J.W. COKER-60

R.M. COLBURN-59



R.L. COLES-60

J.H. COLLETT-60

W.S. COMANOR-59

A.J. CONCORS-59



C.A. CONN-60

J.D. COOPER-59

J.M. COOPER-62

R.G. CORNWELL-60



J. COULTHURST-59

W.A. CRAIG-61

A.J. CUCINOTTA-61

R.W. CURTIS-59



A.E.DAHLBERG-60 J.E.DAHLBERG-62 J.H.DAVID-60 I.H.DAVIDSON-61



P.N.DAVIS-59 D.A.DECKER-61 J.G.DE JONG-59 T.M.DEL BELLO-60



R.N.DE LUCA-62 F.M.DE NIE-61 W.J.DENT-61 C.O.DE RIS-61



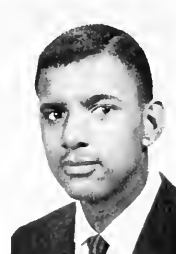
H.C.DESHONG-62 F.S.DIETRICH-59 M.R.DOCHAN-61 D.R.DOHERTY-62



W.A.DORSEY-59 C.B.T.DOWNS-61 T.A.DUFF-60 W.H.EDGAR-61



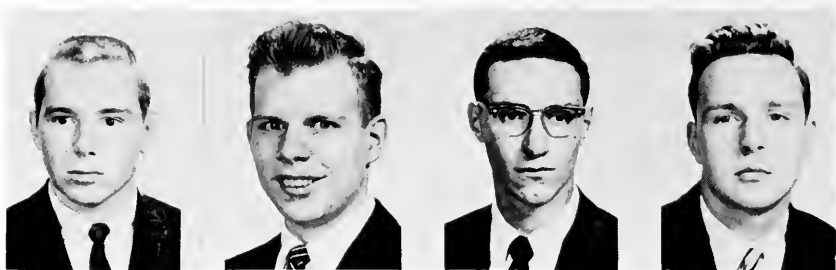
P.J.EIDENBERG-59 J.H.ELKINS-61 N.M.EMERY-61 J.M.EMLEN-60



H.W.ENGELHARDT-59 W.H.ERB-62 J.D.ESHLEMAN-62 C.FAUNTLEROY-61



M.M.FEICK-59 E.W.FENANDER-61 G.L.FERNSLER-61 A.C.FISCHER-59



S.W.FISHER-62

G.W.FITE-59

J.FLACCUS-62

S.FLANDERS-62

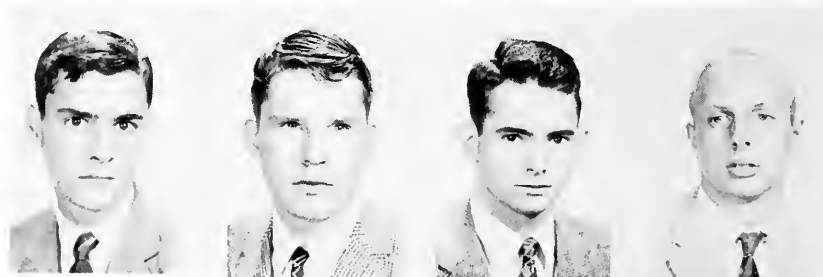


J.D.FORBES-59

L.T.FORMAN-60

N.H.FORSTER-61

J.M.FOSHAY-59



A.W.FOWLER-62

B.R.FOWLER-62

P.D.FOX-61

J.D.FOX-62



R.FREEDBERG-61

G.W.FREEMAN-62

W.B.FREILICH-62

C.L.FUGES-62



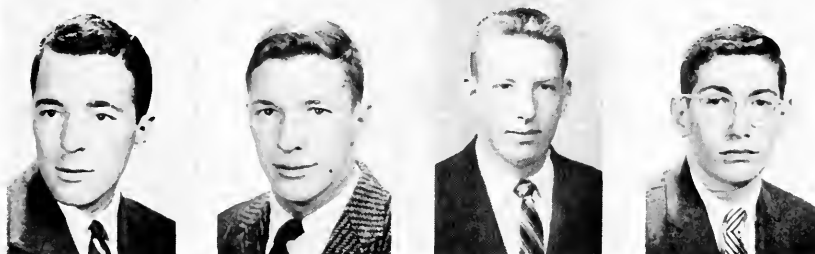
J.G.FULKERSON-60 W.G.FULLARD-59 F.FURSTENBERG-61 D.GAETJENS-62



V.A.GAGE-62 P.K.GARRETT-62 D.X.GASS-61 J.C.GEORGE-62



P.V.GERDINE-60 G.A.GIBSON-61 R.P.GILLMOR-61 P.C.GLEASON-62



M.G.GOGGIN-59 M.L.GOGGIN-60 O.B.GOODMAN-61 J.W.GOULD-61



D.L. GRAMBS-59



H.S. GRAY-61



A.A. GREEN-59



W.P. GREEN-59



J.D. GRESIMER-59



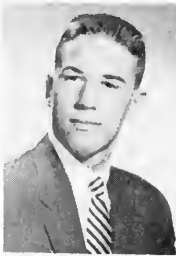
L.S. GRIFFITH-59



M.G. GRIFFITH-61



W.R. GROSE-61



R.L. GROVES-61



A.L. GUCKER-62



D.R. GWATKIN-62



M.O. HAMPDEN-62



D.P. HANSON-61



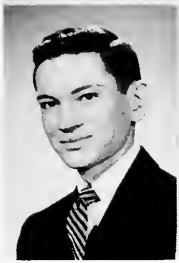
M.L. HARTMAN-62



F.L. HARVEY-60



R.B. HARVEY-60



E.L. HATCH-61



T.M. HAURI-62



G.N. HAWORTH-60



R.M. HAYMOND-62



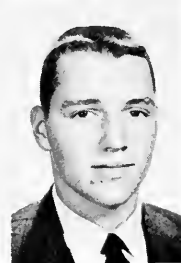
J.B. HAYTER-60



J.K. HECHT-59



E.M. HEIMAN-59



J.D. HEILMAN-61



H. HELSINGER-61



D. HEMMINGWAY-62



T. HENDERSON-61



H.T. HETZEL-61



M. HEYDEBRECK-SPR. D. HILLIER-60



J.A. HIRST-62



R.L. HOBAUGH-59



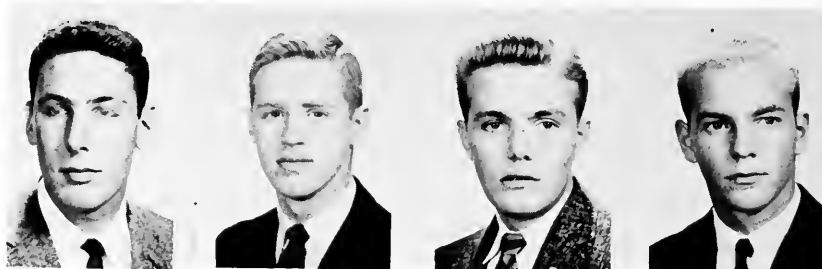


P.M.HODGE-59

T.N.HOEN-60

E.P.HOFFMAN-61

E.S.HOLLANDER-62



S.HOLLANDER-62

S.E.HOLSOE-61

G.L.HOLTZMAN-62

J.B.HOOPES-62



D.E.HORAN-59

J.H.HORNBAKER-59

H.G.HORWITZ-59

W.A.HOUSTON-61

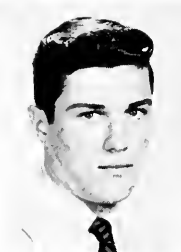


P.B.HOWARD-60

W.J.HOWARD-60

J.B.HURFORD-60

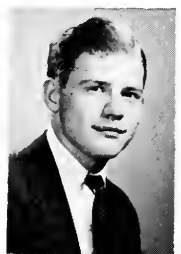
G.HYATT-59



J.L. IZATT-61 D.R. JACKSON-59 H.D. JENKINS-62 R.H. JENKS-62



P.B. JERNQUIST-61 A.D. JOHNSON-62 A.E. JOHNSON-59 M.A. JOHNSON-59



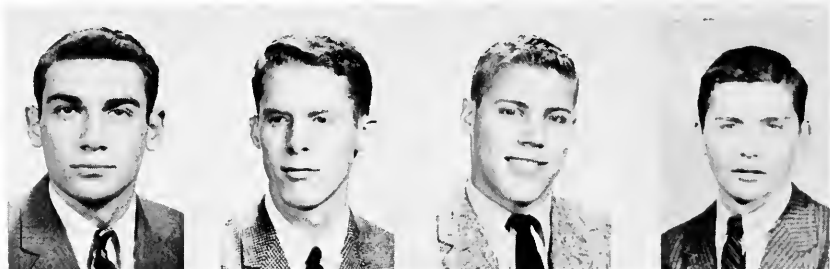
S.C. JOHNSON-SP S.G. JONES-61 W.W. JONES-60 M.M. KABACK-59



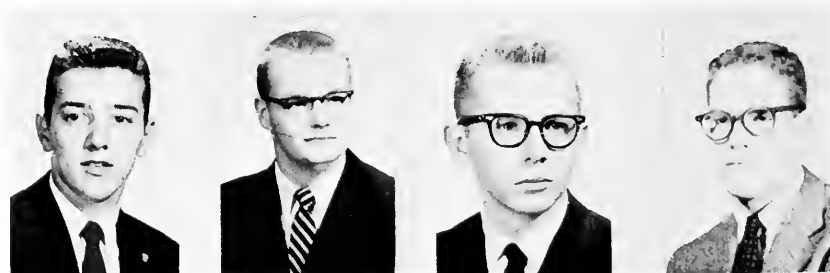
W.E. KAEGI-59 D.H. KAIN-59 A.D. KARUSH-61 J.A. KATOWITZ-59



M.E.KAUFMAN-60 P.A.KELLMAN-62 C.R.KELLY-61 C.M.KIMMICH-61



P.J.KITTNER-59 D.L.KLEIN-62 S.KLINEBERG-61 C.KLINGENMAIER-60



F.E.KLINGER-62 D.D.KNIGHT-61 H.W.KNOX-62 M.H.KOHN-60



G.KOVACSICS-61 H.R.KRAMER-62 R.L.KRIEL-59 P.S.KRONE-62



P.O. LANE-61



J.K. LARSON-61



N.M. LARY-60



D.L. LAUVE-59



R.H. LEDERER-59



J.O. LEE-59



H.M. LEESER-59



M.C. LEHFELDT-61



B.M. L'ETOILE-62



G.M. LEVIN-60



T. LEWIS-60



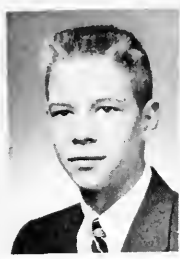
G.A. LIECHTY-59



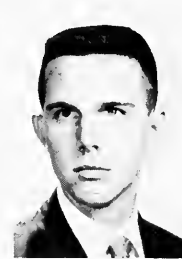
V.A. LIGUORI-59



W.H. LINDEMAN-59



A. LINTHICUM-61



R.W. LINVILLE-62



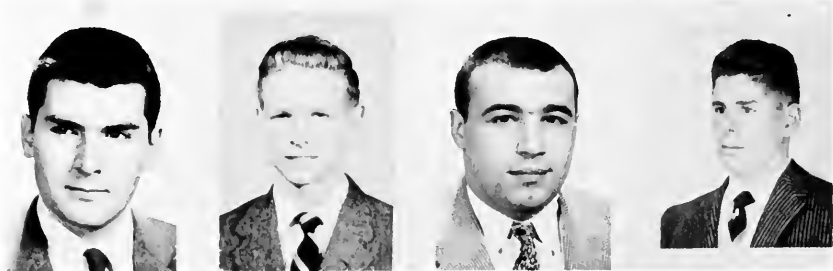
S.J.LIPPARD-62 C.S.LIPTON-60 R.F.LOCKEY-61 A.B.LONG-59



R.L.LONG-62 E.LONGBOTHAM-60 W.LONGSTRETH-59 J.LOWENTHAL-59



P.A.LUNDT-62 F.T.LYMAN-59 R.W.LYNN-62 J.R.MAC BRIDE-61



K.A.MAC LEOD-62 J.G.MACORT-60 J.M.MAMANA-59 J.M.MANDELL-61



R.P. MARGIE-60



G.M. MARSDEN-59



R.L. MARTIN-61



N.D. MATCHETT-61



R.G. MATHEWS-61



L.C. MAUD-59



J.S. MAURER-62



G.A. MC CURDY-60



D.B. MC KELVEY-60



H.C. MC LEAN-61



H.W. MC LEOD-59



P.C. MEADE-59



P.K. MEARS-62



E.A. MECHLING-61



R.S. MERMIN-60



F.H. MERZ-59



J. I. MEYER-62 N. M. MEYERS-61 J. H. MIDDLETON-62 J. D. MILLER-59



J. P. MILLER-59 R. S. MILLER-60 S. H. MILLER-62 D. W. MITCHELL-62



D. W. MORGAN-60 K. S. MORGAN-62 J. H. MORRIS-59 J. R. MOYES-59



W. E. MULLER-60 W. A. MURRAY-60 P. A. MUSGROVE-62 K. NAKAYAMA-62



E.A. NATELSON-62 B.H. NEWCOMB-60 P.E. NORRIS-59 H.S. OGDEN-59



G.K. OLSEN-60 R.A. ORTMAN-61 C.F. OSGOOD-60 T.A. PACKARD-62



G.G. PARKER-60 R.M. PARKER-61 R.B. PARKER-62 W.E. PARKER-62



A.K. PASKOW-61 R.B. PATRICK-59 N.T. PECK-59 H.P. PELOUZE-60



J.N.PENDLETON-61 R.D.PENN-62 W.PEPPER-61 A.R.PETRASKE-62



V.M.PETRUS-61 H.A.PHILLIPS-59 M.H.PHILLIPS-59 D.H.PIERSON-61



D.W.PILBROW-62 V.PINEDO-62 R.R.PORTER-59 D.POTTER-60



C.B.PURSEL-59 K.W.PUTNAM-60 R.D.QUINTER-61 J.C.RACHLINE-SP



J.A. RAMEY-60



S.F. RAMSEYER-61



W.B. RAY-60



G.H. RAYMOND-60



W.C. READ-61



E. REINER-61



D.G. RHOADS-60



G.G. RHOADS-61



J.E. RHOADS-60



E.V. RICE-59



R.H. RIGNALL-59



E.K. RITTER-61



D.B. RIVERS-59



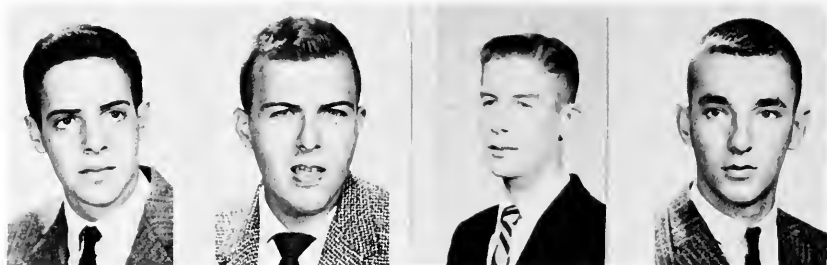
C.C. ROBERTS-60



C.R. ROBINSON-62



T.A. ROBINSON-59



M.RODELL-62 F.H.ROEVER-62 J.E.ROGERS-60 A.C.ROGERSON-62



D. RONDHALER-60 D.ROSENBAUM-60 K.M.ROWER-62 G.R.RUSSELL-60



B.C.SAH-62 H.F.SAINT-62 R.E.SALISBURY-62 F.G.SANFORD-62



D.SCARBOROUGH-59 H.SCHAMBELAN-61 M.R.SCHLEIN-61 D.B.SCHOLL-59



L.P.SCHRAMM-60 F.C.SCHULZE-60 O.L.SCHUMPERT-60 J.H.SCHUTZ-62



L.R.SCOTT-61 W.D.SEDWICK-62 D.M.SEGAL-59 S.J.SHAFFER-61



S.S.SHAPIRO-60 A.B.SHARP-60 R.D.SCHEAR-60 F.H.SHAW-59



A.SHEITEEMAN-60 T.M.SHELDON-59 F.W.SHELTON-61 J.SHEPHERD-60



L.W. SHERK-59

J.C. SHILLOCK-61

D. SHIVERS-60

M.K. SHOWE-61



E. SILVERBLATT-61

J.B. SMILLIE-61

J.P. SMITH-61

J.K. SMITH-59



J.Z. SMITH-60

L.F. SMITH-61

D.L. SNIDER-62

T.B. SOUDERS-61



G.M. SPANGLER-59

W.H. SPEAKMAN-61

B.M. SPEER-60

A. SPIEGEL-62



C.F. STAFFORD-62 M.W. STANLEY-62 W.F. STEIGMAN-62 G.H. STEIN-61



D. STERNBERGH-62 K.W. STEVENSON-62 L. STEVENSON-60 P.G. STEWARD-59



A.T.C. STIFLER-61 F.J. STOKES-61 D.A. STONE-59 J.W. STONE-59



R.W. STOWE-61 M. STRICKLER-62 R.C. SULLIVAN-62 D.W. SUMMERS-60



F.C. SWAN-61



J.K. SWIFT-61



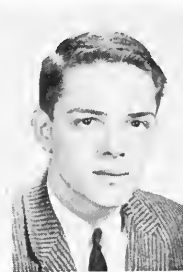
G.M. TAI-62



R.S. TANNEBAUM-62



S.M. TATNALL-60



H.N. TAYLOR-61



H.E. TAYLOR-61



W.G. TAYLOR-59



M.V. TEEM-59



R.L. TEITEBAUM-60



M.E. THOMPSON-61



C.G. THORNE-59



A.C. TILLIS-61



J.A. TOBIAS-59



J.C. TOWLE-62



K. TRABERT-61



S.H. TUBIS-59 D.S. TURNER-62 J. UNGERLEIDER-60 R. VAN ALPHEN-60



R. VAN CLEAVE-62 R. VAN DENBERGH-62 D. VAN DUSEN-59 J. R. VASTINE-59



H.J. VAUX-62 S.K. VERNON-61 L.A. WADDELL-62 S.V. WAITE-62



D.J. WALKER-61 W.E. WALLING-61 R.B. WARFIELD-62 C.B. WATKINS-62



M.R. WEDNER-60



R.O. WEIDMAN-59



M.R. WEIL-61



R.P. WENZEL-61



W.N. WEST-59



J.G. WEYAND-62



E.B. WHITE-59



M.J. WICHURA-62



H.L. WILKERSON-61



J.G. WILLIAMS-62



J.S. WILLIAMS-62



T. WILLIS-59



J.W. WILLS-61



N. WING-59



N.M. WOLDORF-60



E.D. WOLF-59



H.L. WOLFINGER-59



A.W. WRIGHT-60



R.T. WRIGHT-60



R. YAMADA-SP



L.M. YEARLEY-62



F.H. YOUNG-61



E. ZAPF-59



J. ZIEGENFUSS-61



E.J. ZOBIAN-62

1958-1959

History

HAVERFORD COLLEGE was founded in 1833 as the first college established by members of the Society of Friends in the United States. Wherever the first Quaker settlers set up their meetings for worship, they also opened schools, but because Friends have no ordained ministry or priesthood set apart from secular life, they made in the beginning no provision for institutions of higher learning. With the expansion of science and learning in the early nineteenth century, however, the need for advanced training was felt by the Friends as it was by the many other religious groups in America which founded colleges in that era. This need was brought sharply to the attention of Quaker leaders in Philadelphia and New York by a tragic schism in American Quakerism in 1827-1828, now happily a thing of the past. Haverford was organized, therefore, as an institution which would provide an "enlarged and liberal system of instruction" to meet the intellectual needs of "Friends on this continent," offering a course of instruction in science, mathematics, and classical languages "as extensive as given in any literary institution in this country." In religion, morals, and manners, the students who attended Haverford were, in the Quaker phrase of the day, to receive a "guarded" education, but their intellectual training was to be "equal in all respects to that which can be obtained in colleges." Haverford College in those days was modestly called Haverford School, but the intent was clear to create a center that would give to Friends the kind of education which other young Americans were receiving in the best colleges.

The choice of the site of Haverford College exercised its founders for three years; it was settled by the purchase of 198 acres of rolling farmland in the center of the Welsh Tract, a large area originally set apart by William Penn for Quaker immigrants from Wales. The region still bears the native place-names of its settlers, of which Haverford is one. The site was propitious. Today the College campus (increased to 216 acres) is a beautiful area of fields and woodlands, although the Philadelphia suburbs have spread out along the Main Line to Haverford and beyond. What had been fields grew into a graceful sweep of lawns, distinguished by trees and by planting reminiscent of an English garden. This was the contribution of William Carvill, an English landscape gardener whose careful planting gave Haverford a campus of great charm.

In its first forty years, the College gained in maturity while establishing policies and practices to make effective the ideals of its founders. Throughout this era Haverford men were proving by their effectiveness in their communities the soundness of the principles on which the College had been founded. In 1847 Haverford opened its doors to young men who were not members of the Society of Friends, and in 1856 it became a degree-granting institution, with a tradition of high scholarship which has continued unshaken. At the same time it has adhered to its Quaker traditions of simplicity of living and enlightened interest in social issues.

In 1847 under the presidency of Thomas Chase the College entered into an era of progress which brought it to full academic stature. President Chase and his brother, Pliny Earle Chase, were among the early figures in the establishment of a tradition of great teachers which has characterized Haverford's history, bringing distinction to the College and enriching the lives of its students.

President Isaac Sharpless, 1887-1917, led Haverford College into the forefront of American collegiate institutions. His many-sided genius enabled him to gather and hold together a faculty of extraordinary capacity. Students of this era established Haverford's continuing excellent reputation in graduate schools here and abroad.

During the administration of William Wistar Comfort from 1917-1940 the student body increased from two hundred to over three hundred, and the College continued its emphasis on intellectual achievement combined with concern for the physical and moral development of its undergraduates.

Felix Morley, a Rhodes scholar of the Class of 1915, was President during the difficult years of World War II. Gilbert White, his successor, took office in 1946 and continued until 1955, at which time he retired to head the Department of Geography at the University of Chicago. His service to the College in this decade was outstanding. A careful reappraisal of the academic program during his administration resulted in the development of new concepts in various fields of instruction as well as bringing the needs of the College into sharp focus. This survey, through mobilization of Alumni and other friends on its behalf, resulted in an increase in Haverford's endowment from approximately \$4,000,000 to something over \$10,000,000. Gilbert White was also largely responsible for bringing to the campus a group of young, vigorous teachers who continue to make significant contributions to the intellectual life of Haverford.

Hugh Borton, of the Class of 1926, was inaugurated as President October 19, 1957. He is an authority of Japanese history and at the time of his appoint-

ment was Professor of Japanese and Director of the East Asian Institute at Columbia University.

Over the years Haverford's campus has been improved by the addition of dormitories and other buildings to supplement Founders Hall, which dates from the inception of the College, and Alumni Hall, built in 1856, which now forms a part of the Library. Except for about sixty day students, all the students at Haverford live in dormitories on the campus or in houses immediately adjacent to it. Similarly, a large portion of the Faculty live in houses and apartments owned by the College and situated on the campus. This is helpful in establishing an atmosphere of community life and in encouraging personal contacts between student and teacher.

The dormitories include Founders Hall; Barclay, built in the nineteenth century; Lloyd, completed in 1926; and Morris E. Leeds Hall, which was opened in the Fall of 1955. The Spanish and French Houses, established in recent years, give students interested in these studies an opportunity to live in close association with others specializing in these fields.

Chase Hall, containing classrooms; the Lyman Beecher Hall Chemistry Building; and Sharpless Hall, containing the physics and biology laboratories, date from President Sharpless's administration, as does the Haverford Union, used for many College activities; Roberts Hall, the administration building; and the Morris Infirmary. The Gymnasium, built in 1900, was supplemented in the Fall of 1957 by the Alumni Field House, which affords capacious facilities for indoor athletics and already has proved its value to Haverford's extensive program for physical education.

The endowment of Haverford College, which currently has a book value of over \$11,000,000, together with the support given to the College annually by its Alumni and other friends, has enabled it to maintain a superior faculty of unusual size in proportion to the number of students. Enrollment is currently limited to approximately 450 so that teaching may continue on the basis of personal acquaintance in a unified community as it has throughout the history of the College.

Haverford Station on the Pennsylvania Railroad, between Bryn Mawr and Ardmore, is twenty minutes from downtown Philadelphia. The campus fronts on the famous Lancaster Pike (U. S. 30). It is approximately two hours train journey from Haverford to New York or Baltimore and less than three hours to Washington. Philadelphia's Orchestra, its museums and libraries, its scientific laboratories and industrial plants are all easily accessible to Haverford students who can make full use of the cultural opportunities of a city while enjoying the beauty of a college campus in a quiet suburban setting.

COMMENCEMENT

1958

ANNOUNCEMENT OF PRIZES AND HONORS

WILLIAM E. CADBURY, JR., *Dean of the College*

PRIZES

The Clementine Cope Fellowships for 1958-59
for graduate study at another institution
have been awarded to

ROBERT LEONARD KRAUSE, 1958, First

JAN ANTHONY RIEGL, 1958, Second

The Mathematics Department Prizes for Freshmen

First Prize.....FRANK H. YOUNG, 1961

Second Prize.....THOMAS T. ARNY, 1961

The Alumni Prize for Composition and Oratory
has been awarded to

ROBERT S. MILLER, 1960

The Scholarship Improvement Prizes for two Seniors who have shown
the most steady and marked improvement in scholarship during the
college course have been awarded as follows:

First Prize.....NYLES N. BARNERT, 1958

Second Prize.....DAVID T. EDSALL, 1958

The Class of 1896 Prizes in Latin and Mathematics
for Sophomores have been awarded to

JOHN B. HURFORD, 1960, Latin

CHARLES F. OSGOOD, 1960, Mathematics

The Founders Club Prize for the Freshman who has shown the best
attitude toward college activities and scholastic work has been awarded to

FRANK H. YOUNG, 1961

The William Ellis Scull Prize
for the upperclassman who shall have shown the
"greatest achievement in voice and the articulation
of the English Language" has been awarded to

HARVEY ELWIN PHILLIPS, 1958

The George Peirce Prize in Chemistry or Mathematics offered exclusively
for students who expect to engage in research has been awarded to

JOHN W. BAKER HERSHEY, 1958

The Class of 1902 Prize in Latin
has been awarded to

RICHARD W. BESDINE, 1961

The William W. Baker Prize in Greek
has been awarded to

WILLIAM BELL RAY, JR., 1960

The Newton Prize in English Literature
on the basis of Final Honors in English
has been awarded to

JOSEPH WILSON MYERS, 1958

The Elliston P. Morris and Elizabeth P. Smith Peace Prize for the best
essay on "Means of Achieving International Peace."
has been awarded to

WALTER E. KAEGI, JR., 1959

The Edmund Jennings Lee Prize for that student organization which
has done most to advance the interests of Haverford College during
the current academic year has been awarded to

HAVERFORD DRAMA CLUB

The Varsity Cup for the member of the Senior Class who excels in
Leadership, Sportsmanship and Athletic Ability has been awarded to

JOHN FORT CRAWFORD, 1958

The Best Actor Cup for the student who excelled in the
Class Night Production, has been awarded to

GREGORY G. ALEXANDER, 1960

HONOR SOCIETIES

PHI BETA KAPPA SOCIETY

The following members of the graduating class
were elected during their Junior year

ROBERT LEONARD KRAUSE
JAMES HENRY REILL

elected during their Senior year

JOHN FRANCIS ADAMS
NYLES NATHAN BARNERT
CHESTON MILTON BERLIN, JR.
BURTON FRIEDMAN
KENNETH LEE GEIST
NEWCOMB GREENLEAF
FREDERICK ANTHONY HARGADON
JOHN W. BAKER HERSHEY
ALLEN SHEAFE JOSLYN
THOMAS ARNOLD MEDSGER, JR.
JOSEPH WILSON MYERS
PERKINS CHESTER PEDRICK
HARVEY ELWIN PHILLIPS
JAN ANTHONY RIEGL
THOMAS HARTMAN STEELE

The following members of the Junior Class
have been elected

FRANK SIGEL DIETRICH, JR.
HENRY GLUCK HORWITZ
WALTER EMIL KAEGI, JR.
JOEL RICHARD LOWENTHAL

The following Alumni were elected members as
"Fifteen Year Honor Men"

TRISTRAM POTTER COFFIN
HOWARD BURTT KRIEBEL
JOHN WENDELL SEVERINGHAUS

The following member of the Faculty was
elected an Honorary Member

IRA DEAUGUSTINE REID

FOUNDERS CLUB

The following persons were elected for
merit in both studies and college activities:

During 1957

DAVID W. ELLIS, 1958

JAMES DALZIEL HOLMES, 1958

THOMAS A. MEDSGER, JR., 1958

During 1958

JOHN FRANCIS ADAMS, 1958

CHESTON M. BERLIN, JR., 1958

JAMES L. BOYER, 1958

JOHN F. CRAWFORD, 1958

HANS W. ENGLEHARDT, 1959

MICHAEL R. FOGEL, 1958

ALLAN GOLD, 1958

LAWRENCE J. GRIFFITH, 1959

LAURO S. HALSTEAD, 1958

RICHARD M. HILL, 1958

CARL NORMAN KUNZ, JR., 1958

JAY PRESTON MOHR, 1958

JAMES R. MOYES, 1959

NEWTON TENNEY PECK, JR., 1959

H O N O R S

HIGH HONORS

KENNETH LEE GEIST, 1958.....	English
NEWCOMB GREENLEAF, 1958.....	Mathematics
ROBERT LEONARD KRAUSE, 1958.....	Biology
JOSEPH WILSON MYERS, 1958.....	English
JAN ANTHONY RIEGL, 1958.....	Psychology

HONORS

JOHN FRANCIS ADAMS, 1958.....	Political Science
T. NELSON BAKER, III, 1958.....	Chemistry
ROBERT STOWE BENJAMIN, 1958.....	Music
CHESTON MILTON BERLIN, JR., 1958.....	Chemistry
NYLES N. BARNERT, 1958.....	Mathematics
ALFRED SANDS BUCK, 1958.....	Chemistry
LAWRENCE B. CHRISTMAS, 1958.....	Sociology
ROBERT LENHART CRIST, 1958.....	English
HENRY JAMES DANE, 1958.....	History/English
DAVID WERTZ ELLIS, 1958.....	Chemistry
BURTON FRIEDMAN, 1958.....	Psychology
DAVID JAMES GIBSON, 1958.....	Spanish
FREDERICK A. HARGADON, 1958.....	Sociology
JOHN W. BAKER HERSHEY, 1958.....	Chemistry
PETER THOMAS HUNT, 1958.....	English
ALLEN SHEAFE JOSLYN, 1958.....	Political Science
NORMAN RALPH KLINMAN, 1958.....	Biology
THOMAS ARNOLD MEDSGER, JR., 1958.....	Psychology
JAMES HENRY REILL, 1958.....	Mathematics
DAVID ARTHUR RICHIE, 1958.....	History
PETER BARSTOW ROCKWELL, 1958.....	English
THOMAS HARTMAN STEELE, 1958.....	Chemistry

HONORABLE MENTION

NYLES N. BARNERT, 1958.....	Russian 11-12
FRANK DIETRICH, 1959.....	English 25 and 26
JAMES KATOWITZ, 1959 (during 1955-56)	English 11-12
CHRISTOPHER KIMMICH, 1961.....	German 15 and 24
ROBERT LEONARD KRAUSE, 1958.....	Humanities 21-22
GERALD M. LEVIN, 1960.....	English 11-12
JOEL LOWENTHAL, 1959.....	Physics 13-14
DAVID W. MORGAN, 1960.....	English 11-12
JONATHAN SMITH, 1960.....	English 11-12
BROWNLOW M. SPEER, 1960.....	English 11-12
STUART H. TUBIS, 1959.....	Humanities 21-22

CONFERRING OF DEGREES

BACHELORS OF ARTS

ALFRED ACTON, II	BURTON FRIEDMAN
CHARLES SIEGEL ADAMS	LAURENCE R. GALLAGER
JOHN FRANCIS ADAMS	KENNETH L. GEIST
MICHAEL IAN ADAMS	LEIGH M. GELSER
PAUL LAMBERT AIKEN, JR.	DAVID JAMES GIBSON
ROBERT STOWE BENJAMIN	ALLAN GOLD
CHESTON MILTON BERLIN, JR.	NEWCOMB GREENLEAF
WILLIAM COOK BERTOLET	LAURO DEB. STORM HALSTEAD
JAMES LORENZEN BOYER	ROGER BRUCE HARDY
EDWARD L. BRADLEY, JR.	FREDERICK A. HARGADON
ALFRED SANDS BUCK	JOHN JOSEPH HARKINS
PETER GEORGE CABLE	JOHN W. BAKER HERSHEY
LAWRENCE B. CHRISTMAS	RICHARD M. HILL
LAURENCE HUBER CLARK	DAVID LOUIS HOFFMAN
FRANK CONROY	JAMES DALZIEL HOLMES
JOHN FORT CRAWFORD	ROBERT JAMES HOPPER
ROBERT LENHART CRIST	MARVIN W. HUMPHREYS
HENRY JAMES DANE	PETER THOMAS HUNT
DAVID T. EDSALL	GEORGE HURCHALLA, JR.
DAVID WERTZ ELLIS	ALLEN SHEAFE JOSLYN
GEORGE HENRY ELLISON	HOWARD RONALD KABACK
MICHAEL ROY FOGEL	RICHARD MACY KELLY

BACHELORS OF ARTS *continued*

DOUGLAS STUART KERR
NORMAN RALPH KLINMAN
ERIC GILBERT KOSKOFF
ROBERT LEONARD KRAUSE
CARL NORMAN KUNZ, JR.
HAROLD P. KURZMAN, JR.
LORENZ OTTO LUTHERER
EDWIN JAY MACON
THOMAS MADDOCK, II
THOMAS A. MEDSGER, JR.
JEAN-CHARLES MEYER
JAY PRESTON MOHR
JOSEPH WILSON MYERS
KEMBLE P. NOLTE
DAVID PETER NOWLIS
DANIEL EVANS PARKER
PERKINS PEDRICK
HARVEY ELWIN PHILLIPS
HERMANN K. PLATT
ROBERT G. PRATT

LEIGHTON ADAMS PRICE
MARK HOLBROOK RANDALL
JAMES HENRY REILL
DAVID ARTHUR RICHIE
JAN ANTHONY RIEGL
PETER B. ROCKWELL
PAUL G. RODEWALD, JR.
MICHAEL W. ROLOFF
STEPHEN B. SARNOFF
WILLIAM A. SAYLES
RICHARD E. SCHRAMM
ROBERT LOUIS SHULTZ
EARL JENNINGS SMITH
THOMAS HARTMAN STEELE
C. HOWARD THOMAS, JR.
JON PETER TILLEY
DANIEL COPE WILLS
DONALD PAUL WINTER
ROGER DAVIS WOLLSTADT

as of June 7, 1957

ROBERT SMITH BOOKHAMMER, JR.
BENSON HAMBLETON HART

BACHELORS OF SCIENCE

THOMAS NELSON BAKER, III
NYLES NATHAN BARNERT
GERALD DONALD GUNSTER
HAROLD EVERETT MUSSER, JR.

FRANKLIN HERBERT PENNELL, JR.
BOYD GRAHAM RALPH
EDWARD CHADWICK SQUIRES
MARTIN GEORGE WEIGERT

MASTER OF ARTS

PRISCILLA KRANCER GOLDTHWAIT (B.A. Vassar)

THESIS: "Problems in Setting Up United Nations Relief and Rehabilitation Association, Russian Displaced Persons Camp after World War II, 1945."

HONORARY DEGREES

Candidates will be presented by

ARCHIBALD MACINTOSH, *Vice-President*

EDWARD RAYMOND WILSON.....Doctor of Laws

HUGH EXTON STONE.....Bachelor of Science



